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THE INDUSTRIOUS HEN

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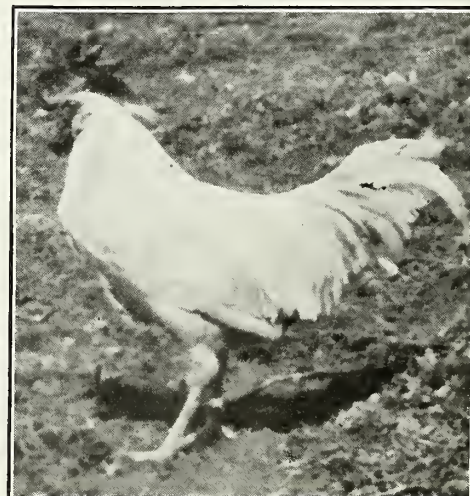
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COLUMBIAN WYANDOTTES, BLACK Langshan and Seabright Bantam eggs, \$1.50 per setting. Registered collies \$5.00. Woodlawn Kennels and Poultry Farm, Paris, Tenn. 2-1t

WHITE WYANDOTTE EGGS. EGGS from full range birds, bred to lay, \$1.50 per 15. Eggs from exhibition birds bred for that purpose from my best pens, \$2.50 and \$5.00 per 15. Chas. S. Tumbell, Box 125, Lawrenceville, Va. 2-1t

FISHEL'S HIGH SCORING WHITE Wyandotte. Eggs \$3.50, \$2.50, \$1.50. Ora Armstrong, Bedford, Ind. 2-1t

RHODE ISLAND WHITES.

THE GREATEST RHODE ISLAND White farm in the world. Both combs. Eggs and baby chicks. Catalogue free. Henry Eichelmann, Waterloo, Ill., Rt. No. 4. 2-4t

RHODE ISLAND WHITES: WON 3 firsts and 1 second on 4 entries at the Nashville Poultry Show. Eggs for sale. Write for free mating list. White Oak Poultry Farm, Portland, Tenn. 2-1t

S. C. RHODE ISLAND WHITES—"America's best yet," popular new breed. Bred-to-lay. White Feather Farm, Trinity, Texas. 2-2t

SEVERAL VARIETIES.

PRINTING FOR POULTRYMEN—125 note-heads and 125 envelopes \$1 prepaid. Note-heads, envelopes, cards, tags, labels, 100 either 50c; 250, 85c; 500, \$1.40; 1000, \$2.40, prepaid. Postcards, circulars, catalogues, letter-heads. Finest cuts furnished. Stamp brings samples. Model Printing Co., Manchester, Iowa. 9-6t

TOULOUSE GEESE AND PEKIN ducks. Large, fine old gander, 22 pounds, nice large young ones. Ducks very large and beautiful specimens. Geese \$10 trio; ducks \$2 each. Mrs. B. B. Robinson, Franktown, Va. 12-3t

BARRED ROCK AND WARHORSE Games. Stock mature and fine. Tully Bird-song, Pulaski, Tenn. 12-3t

SHADY LAWN FARM ROCKS, WYANDOTTES, Leghorns, Hamburgs, White turkeys, Toulouse, Embden geese, ducks. Catalogue free. B. T. Kahler, Hughesville, Pa.

BABY CHICKS FROM HIGH SCORING birds, heavy egg productions. S. C. Anconas, S. C. Black Minorcas, Lackenvelders and White Rocks. Stock eggs and Red Carneaux pigeons. John Geiger, Chatfield, Ohio. 1-2t

S. C. R. I. REDS AND R. C. R. I. Whites, Vertrees strain. Eggs and baby chicks from prize winning stock. I can please you. Box No. 1, E. F. Hixson, Hixson, Tenn. 2-3t

BARRED ROCKS, BUFF AND BLACK Orpingtons, Partridge, Rocks, Anconas and White Runner ducks, \$2 to \$5 each. Eggs \$3 for 15, \$5 for 30. Satisfaction guaranteed. Mrs. K. C. Flanagan, Carters Creek, Tenn., Rt. No. 2. 2-1t

CHICKS—BRED RIGHT; HATCHED right; shipped right. Delivery guaranteed. Also White Runner eggs, ducklings and breeders. Snowflake Hatchery, 1404 Sturm avenue, Indianapolis, Ind. 2-1t

WHITE HOLLAND TURKEYS (PAT- ton's) White Runner ducks, White African Guineas, White Orpington and S. C. White Leghorn chickens, also Blue Peafowls. Some very fine birds for sale and eggs in season. J. I. Edington, 16 Market Square, Knoxville, Tenn. 2-3t

OAK GROVE S. C. BLACK MINORCAS and S. C. White Leghorns, "bred to lay and lay they do." Winners at Jacksonville, Savannah, Birmingham, Valdosta and other shows. Stock and eggs at reasonable prices. Harley L. Williams, Rt. No. 1, Box IH, Moultrie, Ga. 2-1t

EGGS FOR HATCHING FROM PRIZE winning strains. R. C., S. C. Rhode Island Reds, White Wyandottes, \$1, \$2, \$3.50 per setting. S. C. Brown Leghorns, \$1, \$2 setting. Buff Rocks, Light Brahmas, Partridge Cochins, \$2.50 setting. Mammoth White Pekin ducks \$2 setting. Utility eggs \$4, \$6 per 100. L. T. Clarke, Louisville, Ill. 2-2t

DON'T PLACE YOUR ORDER FOR White Orpington and Buff Leghorn eggs till you write me; 13 prizes one show. Laying now. L. W. Young, Stevenson, Ala. 2-1t

EGGS AND DAY-OLD CHICKS FROM prize winning Anconas, Leghorns, Wyandottes and Cornish. Prices reasonable. Goat Abernethy, Lenoir, N. C. 2-3t

RINGWOOD POULTRY YARD WHITE Leghorns, Mottled Anconas, White Rocks. Eggs, exhibition, \$3 per 15; utility \$1 per 15. Breeding stock at all times. W. A. Holsonback, Ranger, Ga. 2-1t

S. C. REDS AND R. C. R. I. WHITES—Cockerels for sale from prize winning stock. E. F. Hixson, Hixson, Tenn. 2-1t

PLYMOUTH ROCKS, WYANDOTTES, Reds, Leghorns and Houdans. Eggs \$1 to \$1.50. Catalogue free. A. Bagwell, Route 4, Paducah, Ky. 2-4t

"GIANT" STRAIN BRONZE TURKEYS—Reduced prices. White Wyandottes, White Runner eggs, \$1, postpaid. Sunnyside Farm, Jonesville, Va. 2-1t

YES! CAN GIVE YOU EGGS NOW—Seven pens mated. Shelling out eggs. See ad. page 194. W. A. Andrews, Opelika, Ala. 2-1t

S. C. RHODE ISLAND REDS EXCLUSIVELY. Eggs \$1 per 15 or \$5 per 100. Mrs. R. H. Williams, Guthrie, Ky. 2-4t

EGGS FOR HATCHING—D. W. YOUNG strain direct. S. C. White Leghorn eggs \$1.50 per 15. Chas. C. Brunk, Waynesboro, Va. 2-3t

ABEEL'S R. C. BUFF LEGHORNS WON blue ribbons at Memphis, Tenn., Buffalo, Rochester, 1914. Eggs \$2 per 15. Satisfaction guaranteed. J. H. Abeel, Fredonia, N. Y. 2-4t

MISCELLANEOUS.

WANTED—PEAFOWL, FOXES, FANCY pigeons, quail, pheasants. U. Pheasantry, Poughkeepsie, N. Y. 12-5t

CHOICE EMBDEN GEESE, \$2.00 EACH. Dennis Hocking, Albion, Illinois. 12-2t

"MITE PROOF HENNERY." POULTRYMEN'S friend. Investigate. Adapt. Increase products. For particulars write Horatio Barnett, Malvern, Ark. 12-3t

SCOTCH COLLIE DOGS—PEDIGREED stock, pups, workers, etc. Write for booklet and prices. Gatlin Farms, Box J, Murray, Ky. 1-2t

DUROC HOGS — BEST BREEDING, highest quality, lowest prices. Booklet and prices on request. Write us. Gatlin Farms, Box J, Murray, Ky. 1-2t

FREE BOOKLET—GAPES POSITIVELY cured or money back, 25 and 50 cent cans by mail. Agents wanted. W. Doran, Brandenburg, Ky. 1-12t

INCUBATORS AND HOVERS FOR sale cheap. Good makes, used short while. Selling out. Womans College, Meridian, Miss. 2-1t

FOR SALE—MY \$100 STANDARD TYPE- writer at a bargain. Write W. H. Chesnett, Green S. C. 2-1t

FOR SALE—GAP CURE AND PREVENTATIVE. Cures in last stages. Never fails. 50c. Box 20-E, Summitville, Ind. 2-1t

GIGANTIC SUNFLOWERS—HEADS 3 feet; 25c package. Grower Yoder, Sta. H, Romulus, N. Y. 2-1t

POULTRY Ducks, Geese, Turkeys, Pigeons and Dogs. We are the most extensive producers of thorobred poultry in the world. Our fowls have won the leading prizes at America's largest Fairs and Expositions. Breeds are reared on separate farms. Send ten cents for Color Plate Poultry Book and price list. It tells how to make money with poultry; how to build poultry houses; how to hatch and rear chicks; how and what to feed for eggs. Every fowl shipped is selected by Expert Licensed Poultry Judges. UNITED POULTRY FARMS. BOX X HOPE, IND.

WE RAISE 'EM TO SELL

Now offering

100 Beautiful Buff Orpingtons

(Martz Strain)

50 Sicilian Buttercups

Business Rhode Island Reds. Big bunch. Ask about eggs for hatching.

C. F. BRAUSE, 707 E. 19th Street, Chattanooga, Tennessee

White Orpingtons

Won first pen, first cock, first and second cockerels, fourth pullet, Augusta, October, 1914. All pens headed by prize winners. Bred to lay, weigh and win. Eggs \$3, 5, and \$10 per setting of fifteen. Baby chicks 25 cts., 50 cts. and \$1. Money makers. Satisfaction. Write us.

LIVELY POULTRY FARM, Augusta, Ga.

ANCONAS
PARTRIDGE ROCKS

Winners Madison Square Garden, Philadelphia, Baltimore, Atlanta and elsewhere.

They are known all over the South.

Write for prices on stock and eggs.

H. E. PORTRUM

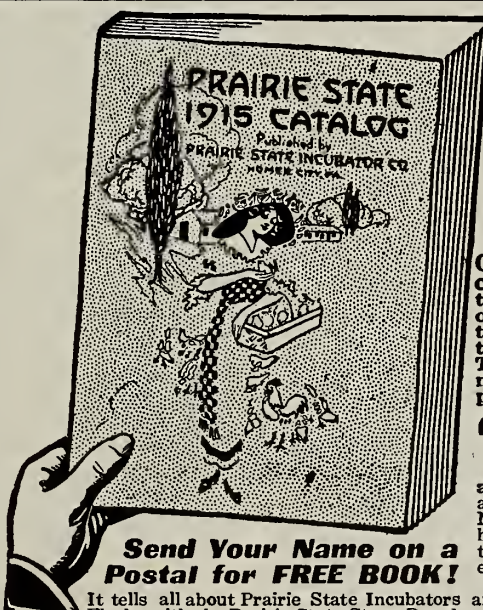
Rogersville, Tennessee

S. C. ANCONAS, BUFF and WHITE ORPINGTONS

Stock and eggs for sale. Prices reasonable and satisfaction guaranteed. Write your wants. Address

NEWTONS FARMS,

Bennettsville, S. C.

NOW READY
NEW 1915 PRAIRIE STATE
CATALOG

One of the world's foremost experts on artificial incubation and the rearing of poultry, wrote this big 112 page book. His advice is worth hundreds of dollars, especially to the beginner. For example—he tells you how, by studying the ways of hens that stole their nests, he hit upon the idea of the moistened Sand Tray and how it resulted in a wonderful increase in the number of strong, vigorous "CHICKS THAT LIVE"—the profit-producing kind—the only ones you can afford to raise.

"Prairie State" Incubators and Brooders

are used and endorsed by leading Agricultural Colleges and Poultry Experts, the world over and approved by the National Board of Underwriters. For over 30 years they have maintained the lead, and with many new 1915 features they are simply incomparable. You cannot get these exclusive features in any other incubator.

Send Your Name on a Postal for FREE BOOK!

It tells all about Prairie State Incubators and Brooders; How to handle Large Flocks with the Prairie State Stove Brooder. In addition to full descriptions of Prairie State machines and their exclusive features, there are about 60 pages of other valuable information on poultry raising. For example: How to Feed, Rear and Breed for Best Results; How to Grow Green Feed in Winter; How to Build Poultry Houses; How to Treat Diseases; How to Preserve Eggs, etc., etc.

This big, new 112 page book is FREE if you send now. Write

PRAIRIE STATE INCUBATOR COMPANY

Box 210

HOMER CITY, PA.

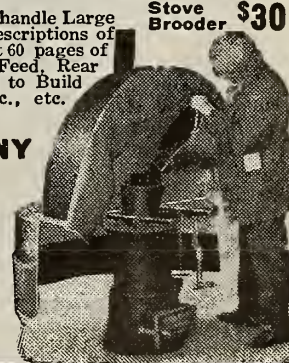


Incubators
\$9 to
\$38

(30)

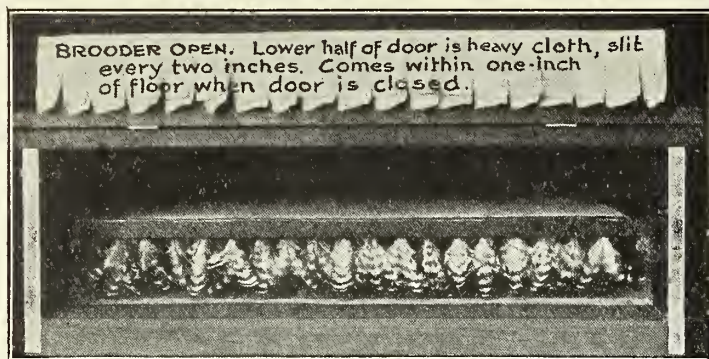


Portable
Hover
\$8.50

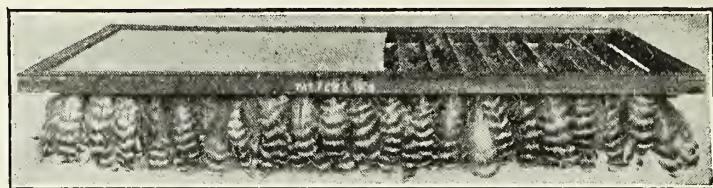


Stove
Brooder \$30

Just say you saw it in The Industrious Hen.



Saves Millions of Incubator Chicks The Way is Nature's Way



The World's Best Brooder

Has a floor with a warm medicated dirt center that purifies the whole brooder making it immune from mites, lice and infection. A solid coat of feathers that hover the chicks the same as the hen, retaining the animal heat thrown off by their bodies, raising them nature's way. A brooder with a floor that is always warm and bone dry, regardless of outside conditions. In practical use in every state in the union. They mother your chicks, they brighten your life, they give satisfaction. We furnish you the feather hovers and heater lamps with full directions how to change your old brooder or build a new one out of an ordinary box that can be bought for 25c to 50c. Perfect mothers to Incubator chicks.

MY LIFE'S WORK

I have devoted the best days of my life to the hatching and raising of incubator chicks. What I am offering you in this brooder and hover is what my life's work has taught me it isn't something I have read or been told. It is facts I have learned by drudging day and night with incubators, incubator chicks and brooders. Since a boy ten years of age, the idol of my life has been the American Hen, and for thirty years I have done nothing but care for poultry, operate incubators and brooders and produce winter eggs. Listen, you must raise your chicks right or you will never get winter eggs.

I want to join hands with you as I have with a hundred thousand men and women that raise poultry. I have started them right, I can show you the way. Poor infectious brooding has scattered white diarrhoea to every crook and nook of the civilized world until today 90 per cent of all poultry are infected with such.

We are showing you here a method by which you can stamp out white diarrhoea or any infectious disease in one season's time, a method by which you can raise practically every incubator chick hatched, so they will mature in one-half the usual time and your pullets will begin to lay early. As you read this I want you to feel that I am standing and talking to you face to face. If my satisfied customers were standing today hand to hand they would stretch across the American Continent. I have built up here in the Southwest the greatest industry in the world of its kind, simply by satisfying the people. My great ambition and desire has not been to make sales until I was in a position to give service and to satisfy and the satisfaction that I have given to the poultry people has made our business world-wide.

W. E. TREDWAY.

REASON Is the fundamental principle of all things. This Famous Feather Hover and a warm medicated dirt center in Brooder Floor is a Beacon Light that will show you the way. Chicks not raised right are just like a stunted calf, pig or colt. They are a burden on your hands the longest day they live. Right here is the stumbling block that cuts off your winter egg production; that prevents the fancier's birds from maturing as they should; that causes a hundred thousand people to quit the poultry business each year.

Brood right and your troubles will be over. Start this year, get ready now. With each Heater Lamp and Hover all directions are packed complete for changing any make of old Brooder or building a new one from lumber or an ordinary box. Size of Hovers 17x30 inches for 150 chicks. Order direct from this ad. We guarantee directions and everything to be complete. **Start right this year.**

Under this Famous Feather Hover, sitting on a soft warm floor with a medicated dirt center, you will hear the chatter of the chick that is always satisfied.

Why Incubator Chicks Die

Not Because the Incubator is Wrong for it is a God Send to the Poultry Industry and has Come to Stay

If you haven't an Incubator, get one this year. Millions have quit the use of Incubators, haven't they? Why, because they don't successfully raise their Chicks. You must admit this as an undisputed fact. I can point direct to some of the largest Incubator concerns in the world, making Brooders that are the biggest death traps on earth and their Incubator is as good the sun ever shown on.

We are offering to you a Golden Opportunity. The way to raise Incubator Chicks. First, a Brooder with a bone dry warm floor, regardless of outside conditions. Second, plenty of fresh air. Third, a Hover to hold animal heat thrown off by the Chick's bodies, thus giving them the instinct of nature. These three elements will raise 95 per cent of Chicks hatched from any make of Incubator on earth. All that is needed is fresh water and any kind of feed you have at home. All will be right when you Brood right.

Millions are spent for Special Chick Feed. You might just as well throw your money in the river. Until you brood right, you will never raise the Incubator Chick. Our Brooders heat from the floor, impossible to over heat. You have heard supposed poultry authority say floor heat causes leg weakness. The best authority in the world will tell you that leg weakness is caused by Chicks sitting on a cold floor and not enough exercise. Doesn't it stand to reason that this is right? Any fireless Brooder or Brooder with overhead heat and a cold floor are absolutely worthless for the purpose intended. You will never be right with the Incubator Chick until you Brood right. Why follow methods that have proven a failure?

The Famous Feather Hover

We build the Hovers in only one size, 17x30 inches. The Feathers are guaranteed never to come loose. All clamped and glued between metal slats, 20 slats to the Hover, 65 feathers to the slat or about 1300 to the tray. Feathers are all selected 4 to 4 1-2 inches long, come within one inch of floor and are guaranteed never to come loose. Half of outing is cut away in above to show metal slats holding feathers. Outing is held on by cleats that hold metal slats in place. The Hover is so constructed it will last indefinitely. Can be raised and lowered in any brooder to suit age of chicks. We make Brooders only one size, 150 chicks. Feather Hover covers two-thirds of floor space.

Way Heater Lamp is Used

In the center of Brooder floor is left an open space, 16x20 inches. Over bottom of this or on under side of Brooder is nailed a galvanized iron. This leaves a space in center of Brooder 16x20 inches and one inch deep. You fill this with fresh dirt. It will hold almost three gallons. You mix with this dirt 10 drops of carbolic acid and 10 pieces of asafetida, size of grains of corn. **This Medicated Dirt Center and Feather Hover is the Secret of the Greatest Brooder on Earth.** Wherever you want your Brooder, dig a trench in the ground 8 inches wide, 8 inches deep and 30 inches long. Set Brooder across this, half of hole projecting out on back side. This is where you slip lamp back under Brooder. It sits just under metal bottom and dirt center. These Heater Lamps are made especially for this purpose. They will run from four to six days from one filling. They carry a water tank on burner water circulates around wick at all times. **Absolutely the Safest Brooder Lamp made. Easiest Brooder in world to heat. Guaranteed in any climate.**

Brooders can be used either in or out of doors, or can be used in building with a floor. We can't explain everything here. All provisions are made for enclosure in front of Brooder to protect chicks of nights and bad weather, also to protect opening on back side where lamp goes under.

Remodel Your Old Brooder

With each order for Feather Hover and Heater Lamp goes full directions just how to change any make of old brooder or to make one of these Brooders from an ordinary box that will cost from 25c to 50c. Send your order direct from this ad. You need not worry, everything will come complete. We prepay charges in full on Hovers and Heater Lamps. They are sent by parcel post. Prices on one Hover and Lamp complete, \$5.00; 2 for \$8.00; 3 or more for \$3.50 each. Only one sized Brooder, 150 chicks. Price \$8.50; 2 for \$15.00, sent by express. We advance what it costs to ship 100 pounds of freight to your station. This leaves you very little and often nothing to pay.

REFERENCE: Our Years in Business and a Hundred Thousand Satisfied Customers that Circle the Entire Globe

BROODER BOOK SENT ON REQUEST. SEND NAMES OF 7 FRIENDS USING INCUBATORS

WE BLANKET AMERICA LIKE THE DEW

Order Today Have Brooder Ready

**Raisall Remedy Co.
Blackwell, Oklahoma**

**WHITE WYANDOTTES**

"Dustan" laying strain. 50 extra fine cockerels for sale. My winnings at Owensboro show, 1914, first pen. first cockerel, first pullet, best White Wyandotte hen in show. silver cup.

LOCUST GROVE POULTRY FARM,
Mrs. Tom H. Hayden,
Owensboro, Ky.

R. No. 6

BUFF ORPINGTONS

Won at Nashville, Charlotte, Columbia, Richmond, Chattanooga. Stock for sale. Eggs after Jan. 1. Write me your wants.

BLOOM H. KENDALL,

Shelby North Carolina
Member National Buff Orpington Club

S. C. RHODE ISLAND REDS**FOR SALE**

Large dark red cockerels from \$2.00 to \$5.00. Write for price on show birds and for 1915 mating list. Satisfaction guaranteed.

B. D. PARKER, SANDERS, KY.

Barred Plymouth Rocks**POPE & POPE STRAIN**

I can furnish you eggs at \$1.00 per 15. Strong fertility guaranteed. Address,

J. H. HERRON

Agent L. & N. R. R. NEBO, KENTUCKY

ASK ABOUT

ANCONAS

ANCONAS ARE AN SSET

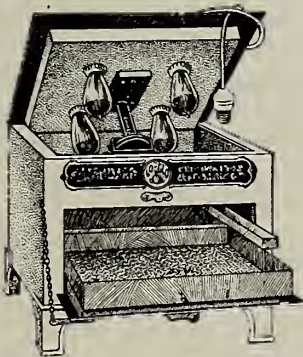
When you think of a Hen think of Hendry

INVERNESS ANCONA YARDS

HENDRY AS 'EM

JAMES L. HENDRY, Prop.
1212 South 26th St. LOUISVILLE, KY.
Exhibition Eggs \$2.50 per 15
Prize Winners Utility \$1.50

HANDSOME HARDY USTLERS

**HATCH BY ELECTRICITY****THE MODERN METHOD**

The "Lo-Glo" Incubators and Hovers are the final expression of the art of incubation. Absolute control of Heat, Moisture, Ventilation insures Bigger hatches of healthier, stronger chicks. Their all-metal construction makes them fireproof, indestructible, dependable. They eliminate all smoke, smell, worry, chilling and overheating. Remain sweet and sanitary, making incubation a positive source of pleasure and profit. Chicks are stronger and surer of life, because of the vitalizing influence of electrical current upon the egg germ.

"LO-GLO" ELECTRIC HOVERS

Can be set indoors or out, merely a question of wire. Broods one or fifty thousand chicks better than "mother hen." All-metal construction, fireproof, sanitary and fill every possible requirement. Overcrowding impossible.

Keep up with the times and equip with the all-metal, no trouble, no worry, sure-to-hatch "LO-GLO." A trial will convince and convert you. Write now for interesting free booklet "O,"

"LO-GLO" ELECTRIC INCUBATOR CO.
Incorporated

76 Greenwich St., New York City, U. S. A.

**Peerless Automatic Incubators
Now 60 to 1,000 Eggs**

EVERY Sheer Incubator is a marvel of automatic mechanism. Heat and flame control, heat distribution, heat regulation, ventilation and moisture, every operation automatic. Only one adjustment. Biggest profit hatcher on earth today. Whether raising poultry 60 eggs at a time or on a large scale, there's a SHEER AUTOMATIC OUTFIT to suit your needs.

THE SUREST HATCHERS

The new "Peerless 60" is the first practical, all-metal fire-proof incubator with perfect heating, heat distributing and ventilating systems—all automatic. Natural as a nest. Never overheats. No fussing. Automatic flame control—no waste of fuel or heat. Fully equipped with wonderful Sheer Automatic Fixtures. More profitable than any large machine with single heating plant. Holds 60 eggs. A marvel at the price.

"Peerless Automatic" 200-Egg

is just big enough for the poultry raiser who wants to start small and grow big gradually. Equipped with the great Sheer Automatic Heating, Ventilating and Moisture Systems, Automatic Flame Control, Automatic Lamp, Sheer Double-Compound Thermostat Regulator—exclusive Sheer features that make the surest hatchers in the world. No more guesswork. The Sheer way is the only way.

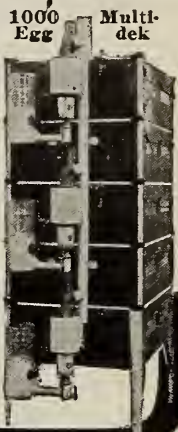
"Peerless Automatic Multidek," 1000-Egg

is the biggest improvement in incubator design in the last generation. Not one big unit, but five 200-egg units in one, each a complete self-operating incubator, yet all 5 operating in perfect unison. Door of top section on a level with your eyes. Saves 6 times floor-space. No waste labor, everything within arm's length. A world beater for profits. Equipped with wonderful SHEER AUTOMATIC FIXTURES. Only machine for the big poultry raiser. Starts small raisers to big success.

Make Any Incubator Automatic

If you can't afford a new machine now, make your old incubator new and AUTOMATIC. Sheer Fixtures, Automatic Lamps, Regulators, Thermostats, heating, ventilating and moisture systems, incubator parts, fit ANY incubator. 25 years have made them the world's standard. Send today for facts, Free.

H. M. SHEER COMPANY, Dept. 143, QUINCY, ILLINOIS
World's Largest Manufacturers of Incubator Supplies

**FOR SALE****Single Comb Brown Leghorns**

I have some yearling cocks, and yearling hens, and a nice lot of cockerels, pullets and eggs. Write for free circular.

M. S. COPELAND

POWELL STATION Route No. 1 TENNESSEE

75 ACRES FOR FAIR VIEW POULTRY YARDS**BREEDERS AND EXHIBITORS**

"Ringlet" Barred Rocks, "Giant" Light Brahmas, "Royal" Black Breasted Red Game Bantams, Eggs and Stock for sale 1 to 1,000. Exhibition and Utility combined. Satisfaction or money back. We have proved our quality by winning at Rome, Memphis, Cookeville, Monterey, Knoxville, Tenn. State Fair, Morristown. Write for mating list 1 before you buy. We will satisfy. Hickory (cane) King Seed Corn. R. F. D. No. 2, COOKEVILLE, TENN.

RANGE RAISED LAYING LEGHORNS

Justlaid Egg Farm's Bred-To-Lay vigorous Single Comb White Leghorns, Baby chicks and hatching eggs, Cyphers trap-nested strain. Write today for mating list.

E. B. McQUOWN

LIBERTY PIKE,

LEXINGTON, KENTUCKY.

HUTCHINSON WHITE ORPINGTONS**BIRDS OF QUALITY**

Georgia-Florida Fair 1913

Georgia-Florida Fair 1914

Georgia State Fair - 1914

Winners 20 ribbons out of 25 entries including firsts, seconds and thirds.

Won more prizes at Georgia-Florida Fair 1914 than all other Single Comb White Orpington breeders combined.

Egg orders booked for early delivery.

Write us your wants.

J. A. HUTCHINSON

BOX 595

VALDOSTA, GA.

DIXIE POULTRY YARDS**S. C. RHODE ISLAND REDS AND WHITE LEGHORNS**

The grandest lot of birds we have ever raised. Our pens are all mated and ready for business and now is the time to get your eggs as the early birds catches the worm. If interested write for catalogue.

L. P. HUDDLESTON, MGR.

STEVENSON, ALA.

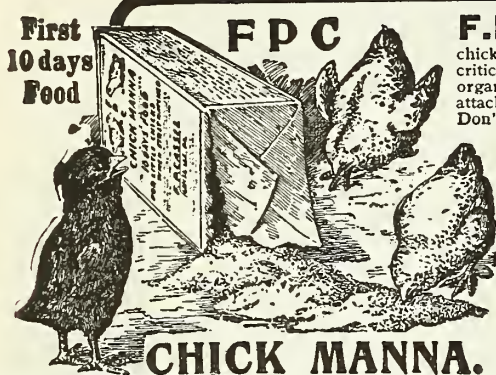
Just say you saw it in The Industrious Hen.

S. C. WHITE LEGHORNS

Eggs for hatching and baby chicks from first and second prize winners at 1913-1914 fairs. Our birds won at Shelby County Fair, first and second cock, first and second hen, first and second cockerel and first and second pullet, only showed nine birds. At Frankfort, Ky., we won first and second cock, first hen, first and second cockerel and first and second pullet, also special for best S. C. White Leghorn cockerel in the show, with eight entries. At Kentucky State Fair, we won fourth young pen. Our birds are bred for heavy winter laying. You won't regret trying a setting of our eggs. We have three grand pens mated for this season. Prices from \$1 to \$3 per 15 eggs. Shipments after February 1. We guarantee 90 per cent fertility. Stock for sale.

LAY-A-Lot LEGHORN YARDS,

SHELBYVILLE, KENTUCKY



F.P.C. Chick Manna is peculiarly adapted to bringing young chicks, turkeys and pheasants safely through the first ten days—the critical period. It regulates and strengthens the delicate digestive organs, promotes growth, and wards off epidemics. Prevents fatal attacks of bowel trouble and develops healthy, vigorous youngsters. Don't feed corn and other heavy grain feeds. Be safe. Use this, the first specially prepared chick food on the market, and still recognized as the "unequalled first ten day food."

Brings 'Em Through The First Ten Days

Specially prepared. Properly balanced. M. K. Boyer, a well-known poultry authority, says: "Chicks like it and thrive wonderfully on it." It's a clean, wholesome, *honest* food. If your dealer cannot supply you, write for our **Special Price Trial Offer** — to introduce F. P. C. Chick Manna into your vicinity we make you a special price on a 1 lb., 5 lb., or 15 lb. package, by PARCEL POST, prepaid. Write today for free circulars of F. P. C. Poultry Foods and Supplies.

CHICK MANNA.

Used since 1884. M'd only by F. P. Cassel & Son, A-14 Main St., Lansdale, Pa.

EGGS EGGS EGGS

From H. L. Harbin's Lookout Mountain Strain of White and Columbian Rocks. Every bird in my breeding pens has won a ribbon or been in a winning pen. Eggs \$3.00 per fifteen, either breed.

H. L. HARBIN

LOOKOUT MOUNTAIN, TENN.

S. C. White Leghorns Exclusively

Hatching eggs in season. Baby Chicks and Custom Hatching. Also a limited number of fine breeders for sale.

ENGERT POULTRY FARM

CHATTANOOGA,

1225 JAMES BUILDING

TENNESSEE

WHITE Plymouth Rocks BARRED

S. C. WHITE LEGHORNS

Baby chicks, and eggs for hatching from my prize winners as well as heavy layers. My White Rocks won 1st cock, 1st cockerel, 3rd hen, 1st, 3rd and 4th pullet, 2nd pen, Sweepstake cups. Best male in entire show; best bird in entire show; best conditioned male in entire show; CHATTANOOGA SHOW, 1914.

HIGHLAND POULTRY YARDS

W. A. LUTHER, Prop.

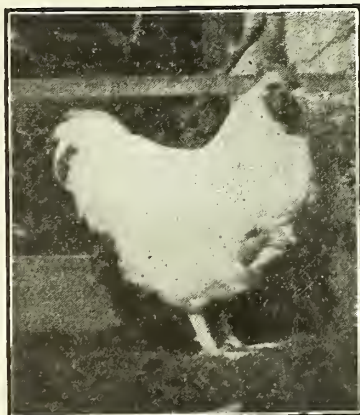
No. 1707 Oak Street

Chattanooga, Tennessee

THE SOUTH'S BEST S. C. BLACK MINORCAS

ARE BRED BY WM. STUCKER, 512 3rd STREET, AUGUSTA, GA.

At Augusta, Ga., Show, 1913: 1st cock, 1st and 4th hen, 2nd and 3rd cockerel, 1st and 2nd pullet, 1st pen. \$25.00 cup for best display, \$10.00 cash special for best display. At Augusta, Ga., Show, 1914, 2nd and 5th cock, 3rd, 4th and 5th hen, 1st and 3rd cockerel, 1st, 3rd and 4th pullet, 2nd and 3rd pen. \$15.00 cash special for best display from Aiken or Richmond county. All varieties competing. \$50.00 cup and \$10.00 cash special for best display Minorcas. "NUF SED." Eggs from best matings \$5.00 per 15. Others \$3.00 per 15.



1st Cockerel at the Kentucky State Fair, 1914. I have won this for 3 years in succession at this fair. It takes quality and careful breeding to make such winnings year after year.

KENNEY'S GIANT STRAIN OF S. C. WHITE ORPINGTONS

Make another Great Winning at the Kentucky State Poultry Show January 4, 8, '15; 1st, 3rd and 4th Cock; 1st and 4th Hen; 3rd and 4th Cockerel; 1st, 2nd and 3rd Pullet; 2nd Pen; also three specials and Haggin Cup. Our pens are now mated and we can furnish you eggs from our choice matings at \$2.00 to \$5.00 per 15 and guarantee a satisfactory hatch.

GIANT BRONZE TURKEYS

On three entries at the above show we won on Turkeys 2nd, 3rd and 4th Cockerels. Some nice breeding birds to sell in with Turkeys and Orpingtons. Write for prices and description, address MRS. WALTER KENNEY, Route No. 2, PARIS, KY.



Single Comb Brown Leghorns BROWN BEAUTIES

Breeder of exhibition and high class utility. Limited number of select cockerels, \$2, \$3 and \$5, all good ones. Owensboro, Kentucky, December 1, 1914, won silver cup best pen, best cockerel, also best display, besides gold special for best pullet in show. Circular free.

MRS. JOE MULLIGAN, MAPLEWOOD FARM St. Joseph's, Ky

DARK CORNISH

My birds have never been beaten in a show for first and best and have won many specials and sweepstakes for best birds in the largest of shows in the Southern States.

Show birds and eggs for hatching a specialty

Eggs \$5.00 per Fifteen

J. R. FLANIGAN, Owner and Manager Standard Poultry Yards, Route No 4, Macon, Georgia



"CARPENTER'S" BARRED ROCKS

First prize and silver cup winners.

FINE COCKERELS FOR SALE Pen or Trios. Booking eggs. Either mating.

C. E. CARPENTER, Rock Specialist, Owensboro, Ky

ANCONAS BUFF LEGHORNS

Great Layers. Prize Winners

Eggs, \$2.00 for 15

A limited number of Anconas, old and young stock, for sale at very reasonable prices.

F. G. STICKNEY, Tuscaloosa, Ala.

5 Packets Flower Seed Free to You

One packet each of These five packets CARNATIONS, ASTERS, flower seeds are ra- POPPY, PANSY, SWEET dian in color and PEAS, fragrance.

MALONE'S QUICK GROWING VEGETABLE SEEDS—For ten cents we will mail one package each, Earliest Cabbage, Ox-heart Carrot, Black Seeded Lettuce, Chartier Radish and Evergreen Cucumber. Enough of juicy vegetables for the entire summer. Enclose ten cents today to cover cost of packing and mailing this big collection. Address

MALONE SEED COMPANY, Madison, - - - Pennsylvania



Single Comb White Leghorns

Our 1915 catalogue and mating list now ready. A postal card will bring it. Now is the time to place your egg orders, in order to get your prize winners for next season. We are in position to furnish you as good as the best for less money. Satisfaction guaranteed.

GLORY-ANNA-POULTRY-YARDS
Geo. E. Schulz, Prop.
550 S. 4th Ave. LOUISVILLE, KY.

THE INDUSTRIOUS HEN

VOL. XI.

LOUISVILLE, KY., FEBRUARY, 1915

(Whole No. 127)

No. 9

Success or Failure in 1915?

Which Shall it be with You? Much Depends Upon Your Matings and the Judgment Used in the Breeding Pen. The Use of Incubators is Urged for Early Hatches.

THE approach of spring is a happy season for the poultryman as well as the spring poet, but, unfortunately, we have too many poultrymen who confine their enthusiasm largely to these months as do many of the sentimental writers of springtime literature. We cannot impress upon you too strongly that the poultry work is a year-round business and cannot be neglected at any season, but there are more points to be looked after at the approach of the breeding season than at any other time. You are then laying the foundation and upon the intelligence that you use at this time largely depends your future success. Look well to your matings for 1915. You should have by this time fully made up your mind as to the breeding pens. This work cannot be done in a day and you should have records kept throughout the year that will enable you to do away with guess work and mate with accuracy. Now it is true that everybody cannot use the trap nest, but even the man with one pen of fowls can toe-mark and leg-band his chickens and have ways of identifying his flock so that he may do the work of mating with intelligence.

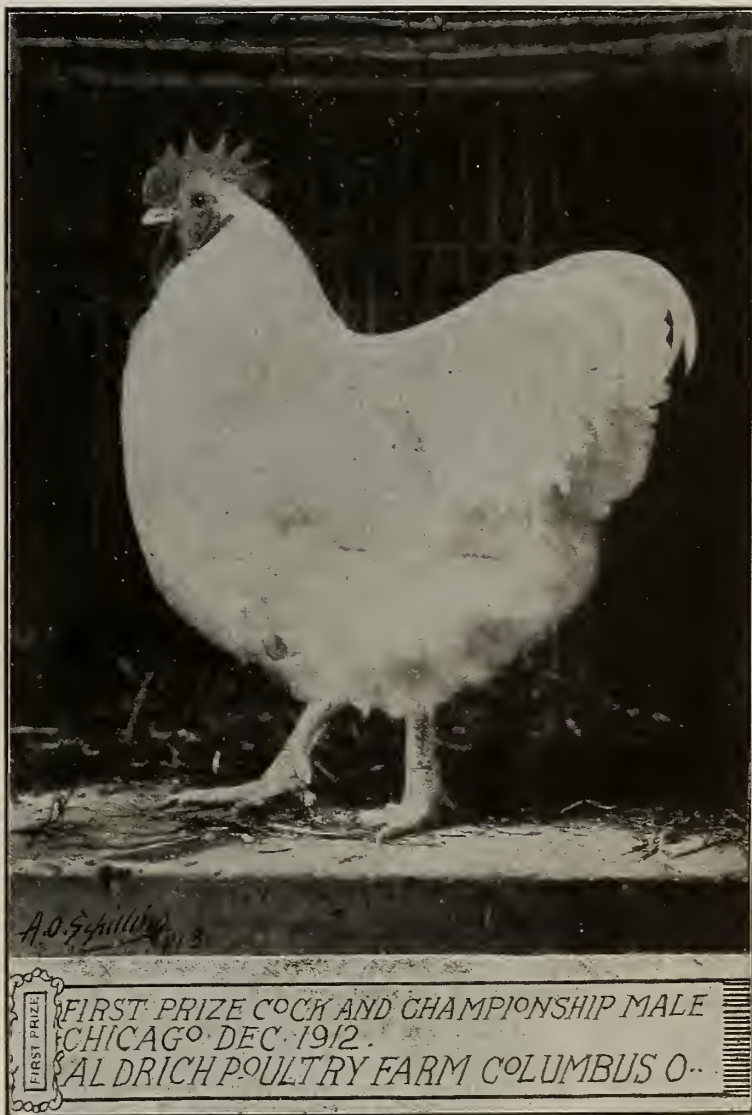
We wish to especially urge you to study the Standard and the requirements for your variety. The new Standard is now ready and your birds should be mated with that in view, as it will be the judge's guide at the poultry shows next summer and fall. Get the Standard at once and take another look at your pens to see if you can make any further improvement in your 1915 matings. We feel confident it will be the best Standard ever issued. We hope it will prove to be at least.

Don't overlook vigor or vitality in every bird in your pens. That should always be the first requirement, for without that your birds cannot retain their good shape, their brilliancy of plumage, or be good producers from any point of view. Breed from males and females that have been good producers or that have been bred from good producers. Don't forget that the egg basket is where most of the profit is, and that eggs represent more than half the income from this great industry.

You should also realize the importance of hatching at least a few early chicks. The great Panama-Pacific Exposition takes place this year, and the poultry show at that place in November will be one of the largest and best ever held in this or any other country. It should be the ambition of all to breed at least a few birds good enough in age and quality to win the blue at this show. Also, if you are going to exhibit at the State and county fairs, you need at least some early hatched stock.

In some sections of the country, February and March are excellent months to raise poultry, and it is possible to produce birds that will lay eggs during the early months of fall when eggs are the highest, birds that will be in prime condition for the early show rooms, and that will be mature enough for breeders the following season. The hatch may not be quite so good, but if you will provide comfortable quarters the chicks will be freer from disease and vermin than when hatched later in the season. Then, too, those birds that you wish to cull out bring a good price on the market as broilers. In fact, reaching the market with early broilers is one method by which paying returns are brought to the specialist who raises fowls for the market.

For the above reasons and for others which might be stated, we think that every farmer and every poultry raiser should have at least one good incubator holding 120 eggs or over. It is the practice of too many people to set the first hens which go broody in the spring and these are usually the very hens which they should breed from



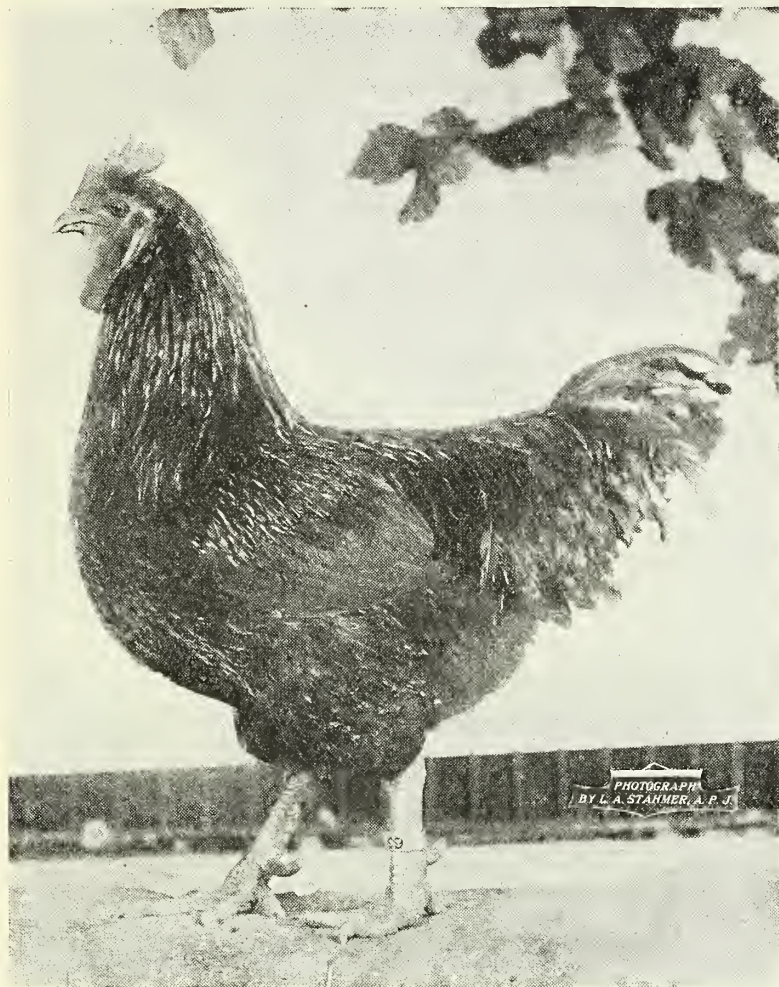
and should be kept laying. These hens are the ones which had the ability to lay in winter when eggs were highest. Start the season of 1915 right and you will find pleasure and profit later in the poultry business as a result of your carefulness and common sense used at this time.

The Missouri Contest.

In this contest there are 52 pens of five pullets each, representing 22 varieties. The 260 hens have laid 2,693 eggs in the two months. They laid more in November than they did in December for the reason that we had to

move them to new and strange quarters after the contest was started.

Pen 24, White Wyandottes, won the silver cup for November, and Pen 34, Barred Plymouth Rocks, won it for December. White Leghorns are not getting such a start on the larger varieties as they did in the two previous contests. The highest individual in this contest is a Single



First Prize S. C. Rhode Island Red Cock at Kentucky State Fair, 1914. Bred and owned by Chiles & Co., Mt. Sterling, Ky.

Comb White Leghorn, hen No. 44, in Pen 4, and has laid 41 eggs in the two months. The leading pen in this contest is 11 eggs ahead of the leading pen in the National contest.

The ten leading pens are as follows:

Pen.	Eggs.
26. Buff Wyandottes	131
24. White Wyandottes	126
36. Buff Plymouth Rocks	124
38. White Plymouth Rocks	117
49. Black Langshans	112
40. Barred Plymouth Rocks	108
29. Silver Wyandottes	97
6. S. C. White Leghorns	92
0. S. C. White Leghorns	87
4. S. C. White Leghorns	78

Our Experimental Pens.

We have a number of experiments, the results of which will be reported each month. In one pen we have 80 Single Comb White Leghorns on free range in a woods pasture, and in an open-front house. They have corn, wheat and dry mash in hoppers at all times. All we do here is to water the fowls, clean the houses, gather the eggs and fill the hoppers once a month. We will compare the results with similar flocks where the hens are hand fed in a deep litter.

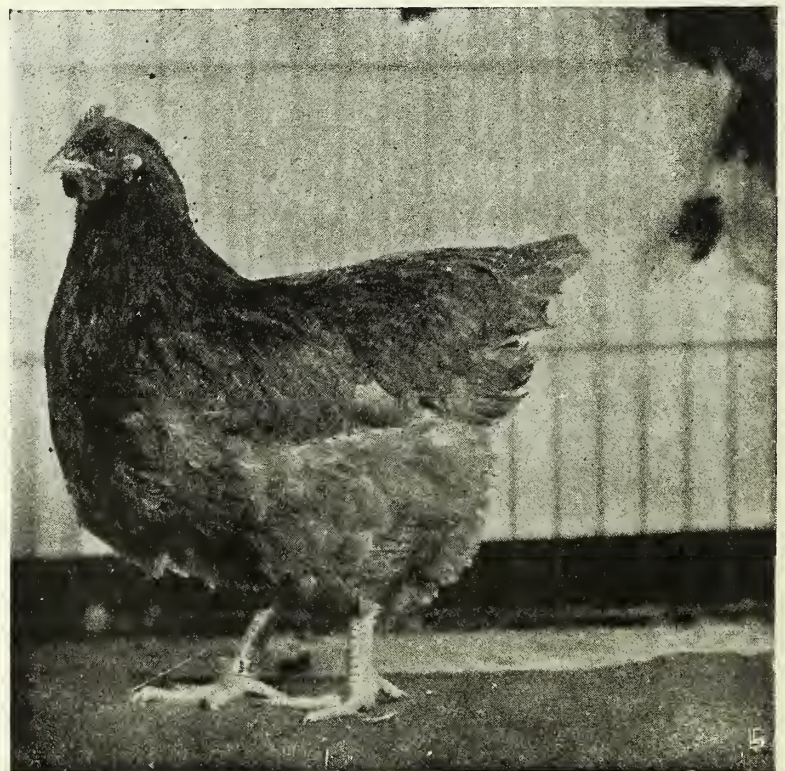
Another experiment is a pen where the hens get nothing but whole grain and no grit.

We have three experimental pens in a feeding test, one where the food is practically without mineral matter; another where the food is largely free from protein, and the third where the food contains but little fat-building material. The egg is made in a large measure of minerals, found in the shell, protein contained in the white, and fat found in the yolk. The purpose of the experiment is to find the effect upon the egg and the general health of the fowls. Other experiments will also be reported from time to time.

The following is the report of the Missouri contest for

the month of December, giving individual records and the pen total:

		Individual Records					Dec.	Total
Buff Wyandottes:								
26. Missouri	2	5	8	7	8	35	131	
23. C. H. Rogers, Eagleville, Mo...	0	5	1	0	0	10	33	
White Wyandottes:								
24. Missouri	0	7	0	2	0	9	126	
28. Missouri	1	1	8	17	10	37	77	
Buff Plymouth Rocks:								
36. Missouri	2	2	0	10	5	20	124	
30. Thos. B. Elliott, St. Louis, Mo..	0	0	0	0	0	0	1	
White Plymouth Rocks:								
38. Missouri	3	0	0	8	2	14	117	
32. Missouri	0	1	10	0	5	20	55	
Black Langshans:								
49. Ed. Floyd, Mountain Grove, Mo. 3	13	2	10	8	37	112		
51. L. E. Meyer, Bowling Green, Mo.	1	4	6	0	13	18		
Barred Plymouth Rocks:								
40. E. B. Evans, Mtn. Grove, Mo...	6	1	2	0	9	108		
34. Missouri	16	2	10	13	16	58	62	
Silver Wyandottes:								
29. Missouri	0	0	0	0	0	0	97	
25. Missouri	1	0	5	2	4	12	43	
S. C. White Leghorns:								
6. Missouri	6	5	3	10	7	32	92	
0. Missouri	0	4	0	4	4	12	87	
4. Mrs. Higginbotham, Ashley, Mo. 8	12	0	24	1	45	78		
14. Missouri	0	5	17	8	3	33	73	
2. Missouri	6	0	0	14	10	30	72	
12. H. Muffley, Hannibal, Mo...	10	10	2	3	4	29	55	
10. J. R. Mooney, Butler, Mo...	2	2	3	2	4	13	52	
18. Geo. C. Redden, Hannibal, Mo...	1	8	9	3	8	29	36	
8. Missouri	3	1	8	10	1	27	29	
22. Missouri	1	2	0	0	0	3	29	
5. Ed. Floyd, Mountain Grove, Mo.	0	0	0	0	0	0	22	
16. A. N. Peters, Galena, Mo.....	0	0	1	0	1	2	15	
20. Missouri	0	0	0	0	3	3	12	
S. C. Reds:								
35. Missouri	12	6	1	13	13	50	85	
43. W. A. Magruder, Whiteside, Mo. 2	4	10	9	7	32	49		
31. Fred A. Benz, Sedalia, Mo.....	14	7	1	0	0	22	32	
39. E. C. Leeper, Doniphan, Mo....	4	0	0	0	1	8	8	
Buff Orpingtons:								
47. J. W. Jackson, Paris, Mo.....	8	3	6	9	3	30	77	
44. Missouri	0	9	9	14	0	33	34	
S. C. Buff Leghorns:								
1. Missouri	0	0	0	0	0	0	75	
Black Orpingtons:								
45. Missouri	2	1	9	7	10	30	71	
R. C. White Leghorns:								
21. Missouri	1	0	0	0	0	1	65	
19. Jno. S. Gross, Maryville, Mo....	7	2	0	1	0	11	31	
White Orpingtons:								
46. Missouri	7	16	0	14	4	43	64	
42. Missouri	3	1	0	0	6	10	31	
48. Missouri	0	0	0	0	0	0	0	
Campines:								
3. Missouri	0	1	3	0	1	5	55	
S. C. Black Minorcas:								
17. Missouri	1	0	1	0	0	2	48	
Columbian Wyandottes:								
27. Missouri	0	0	0	0	0	0	42	
Anconas:								
9. Mrs. Daisy Rose, Bois D'Arc, Mo. 1	0	3	0	1	5	38		
11. Dr. R. Smith, Hannibal, Mo...	1	2	3	11	5	23	38	
7. Missouri	1	2	2	0	0	5	21	
R. C. Reds:								
31. M. L. Puckett, Puxico, Mo.	1	0	0	0	3	4	23	
33. Ozark P. Farm, Richland, Mo...	0	0	0	0	0	0	20	
37. Doughty & Rose, Bucklin, Mo...	0	0	0	0	0	0	0	



Second Prize Buff Orpington Pullet at Kentucky State Fair, 1914. Bred and owned by Chiles & Co., Mt. Sterling, Ky.

Missouri White Fluffs:									
50. Missouri	.....	4	0	0	1	0	6	19	
Dominique Leghorns:									
13. Missouri	.....	0	0	6	0	0	6	12	
S. C. Brown Leghorns:									
15. Missouri	.....	0	0	0	0	0	0	0	

I hereby certify that the above is a correct report of the Missouri contest for the month of December, 1914.

T. E. QUISENBERRY,

Director State Experiment Station.

Mountain Grove, Mo.

HOW TO MANAGE MAMMOTH BRONZE TURKEYS DURING THE BREEDING SEASON.

For the Best Results with Your Turkeys Follow This Experienced Breeder's Advice, Given Below—It May Mean Greater Profit and Better Success for 1915.

By Mrs. J. C. Shofner, Mulberry, Tenn.



THE time of year has now come when all turkey breeders should make necessary arrangements for the next crop of turkeys if we expect to be successful. With Mammoth Bronze turkeys I like the plan of penning them, as it saves a great deal of time and labor in looking after them. I will give my plans as so many have written me and asked "How do you manage to get the eggs?" I have two pens of from one to two acres each, the larger the better, with a stream of water running through if possible; if not, supply water. I also want plenty of shade and grass. I now select eight or ten standard marked hens or pullets to one large healthy tom. Place them in pens early in the season that they may become acquainted with their new home before laying season. Some good strong roosting poles should be arranged away from the fence so that they will not fly upon the poles and over the fence. Although I do not like the roost poles very high from the ground, as they may fly down and bruise their feet, causing what is known as "bumble foot." The fence around pen should be of wire five or six feet high.

I never house my breeding turkeys, for I notice it is their nature, the colder the weather the higher they go in the trees, and give a tighter tuck of the head under the wing. After we have watched to see that our turkeys have roosted in pens for several nights they will need no further watching. I give them a light feed of wheat, scalded oats and some corn. They should be supplied with plenty of grit of some kind, as this makes the shell for the egg. I now have some coops or old barrels placed in pens with grass or fine hay for the nesting. These should be placed around in different parts of the pen with brush of some kind thrown over; cedar brush is fine, but most anything to have a woods-like effect, for it is their nature to hide their nests and have leaves or straw of some kind to hide eggs from crows and all intruders.

When hens get broody and stay on nest one or two nights I remove her gently in the evening and clean out all old trash; see that the nest has large enough basin for about fifteen eggs without rolling them out; place new litter in basin with eggs and leave her alone to go on and



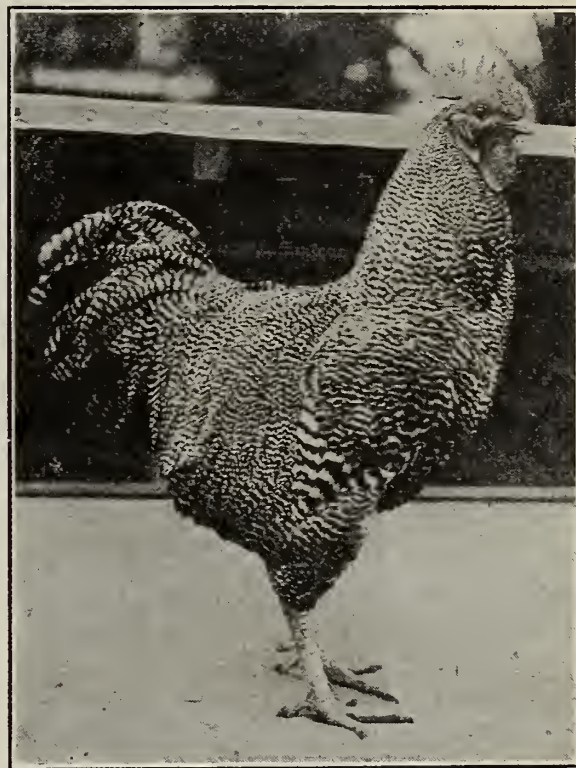
Flock of S. C. Brown Leghorns, bred and owned by Mrs. Joe Mulligan, St. Joseph, Ky. Look up her advertisement in this issue.

arrange them to suit herself. I usually set about three or four turkey hens and several chicken hens at same time, so that my entire flock will come off at once, or as near as possible, giving all the poults to turkey mothers, as they always range farther and give more muscle and bone to the young.

I do not have the pens close together, as the toms in confinement fight so much they do not give the attention to the hens they should.

When they begin to lay I always take my basket and pencil in the afternoon to gather the eggs, marking the pen number and date laid on each egg. In doing this I make no mistake in shipping out if eggs are wanted from a certain pen or some from both. In this way we avoid chilled or sunheated eggs that is so detrimental to the hatch of strong poults.

The reason I use two pens is to furnish breeding stock to my customers, toms unrelated to females. There is no kind of fowl that seems to need new blood introduced as turkeys. With in-breeding they deteriorate in size and plumage and if a breeder furnishes trios or pens, she



The above cut shows Barred Rock male, from the yards of L. C. Breeden, Bennettsville, S. C.

should have more than one flock to select, toms from one and pullets from the other. So let's all of the Mammoth Bronze turkey fraternity double our energies and make 1915 the banner year even if it is war times.

HOW TO GET WINTER EGGS WHEN PRICES ARE HIGH.

Suggestions on Feeding, Housing and Caring for Birds During Winter Months for Best Results.

By W. B. Jenkins.



EVERY one who has ever read a poultry paper has seen this heading to hundreds of articles, but as it is such a very important branch of the poultry industry, too much cannot be said on this subject. Millions of eggs are produced every year in the United States. Mr. Poultryman, are you getting your share? Are your hens paying for their keep and helping you to keep down the high cost of living? If not, why not? The fault is either in you or in the hens, or maybe both. Hens that are bred right can be made to lay when eggs are high.

Supply and demand regulates the price of any commodity to a very great extent. When there is a limited supply prices are correspondingly high. The man who can so regulate the production of any commodity at the right time is the man who will succeed. There always has and always will be a limited supply of strictly fresh eggs during the cold bleak winter months, because producing winter eggs is an art that every poultryman will not

master. It costs something to produce winter eggs and if the art is not mastered the cost will exceed the returns. I believe with experience, common sense and proper equipment the producing of winter eggs can be made to pay a large profit on the amount invested.

There is no one thing that we can do to induce Mrs. Hen or Miss Pullet to get down to business, but we might say there is a hundred and one things each of which is just as important in itself as the other. To mention all the little essentials would make quite a book in itself. However, I will mention three things that are to my mind the most important—good healthy stock—good housing—good feeding.

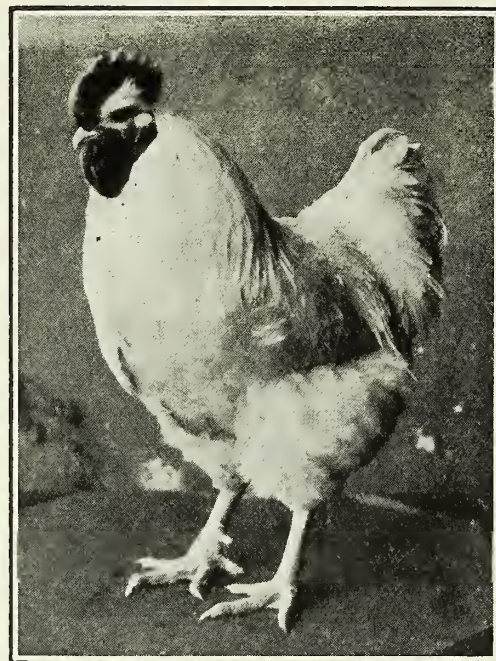
Let us first discuss the stock. And let me say right here that if the pullets we have on hand are not from healthy breeding stock we cannot expect to have very prolific layers; and as right now is the time to begin our matings for the coming season let us consider this all important question of selecting nothing but healthy specimens for our breeding pens. No fowl or animal that is unhealthy can give the results that they should, and as "like begets like," it is a foregone conclusion that the offspring will inherit any weakness that might be in the breeding stock. Right now is the time to lay the foundation for profitable winter layers.

We cannot expect to get many eggs either in summer or winter from old overfat hens or from immature pullets. I have found that the best winter layers are yearling hens or well matured pullets hatched not later than the first half of April. It matters not when the pullets are hatched if not cared for as they should be while growing they will not produce many winter eggs. Pullets that have been stunted or overcrowded in the roosting quarters will not pay for their keep. Separate the pullets from the cockerels just as soon as the sex can be determined. It requires an altogether different ration to produce winter laying pullets to that required to produce healthy vigorous cockerels. I am of the opinion that yearling hens will lay almost if not quite as many eggs as the pullet, but I doubt if I could get many poultrymen to agree with me on this. However, this has been my experience.

As to housing, this can best be discussed under two heads: first, comfort; second, cleanliness. An expensive building of any kind is a luxury and not a necessity. Hen houses need not be expensive to be comfortable. A hen house to be comfortable must provide perfect ventilation and at the same time be free from draughts. A shed roof sloping to the north with three sides as near air-tight as can be made with boards. Do not use paper or prepared roofing on sides as it only serves a hiding place for insects. Plain inch boxing and break each crack with strips is the best siding there is. Provision must be made for plenty fresh air and sunshine, the two very best poultry

tonics in the world. If we have plenty of these two we wont need any patented concoctions.

To have cleanliness we must have a plank or concrete floor. Dirt floors are all right if it wasn't for the dust. Keeping a dirt floor clean gets the inside of the house lower than the ground outside, then we have dampness. Another essential to cleanliness is the dropping board. This should be built across the back side of house three feet above the floor and about half the depth of the house. This gives all the floor space for scratching purposes,



First S. C. White Orpington Cockerel, Kentucky State Poultry Show, 1915. Bred and owned by Ridge Spring Poultry Farm, Rineyville, Ky.

which is very essential for the comfort, health and productiveness of the hen. Idleness on the part of the hen or the keeper will insure an empty egg basket quicker than anything else.

While feeding is one of the most important items in producing winter eggs, it is the most simple. Good feeding first calls for good wholesome grain whether it be corn, wheat or oats, let it be the very best. Corn, wheat and oats are all the grains that are required. In winter two-thirds coarsely cracked corn and one-third wheat is about the proper proportions. In spring and fall mix cracked corn and wheat equal parts. In hot summer weather use two-thirds wheat and one-third of corn. This should be fed, especially in winter in a deep litter of straw, eight inches or a foot deep. Oats should be ground into a meal and kept in hoppers where the hens can have free access to it at all times.

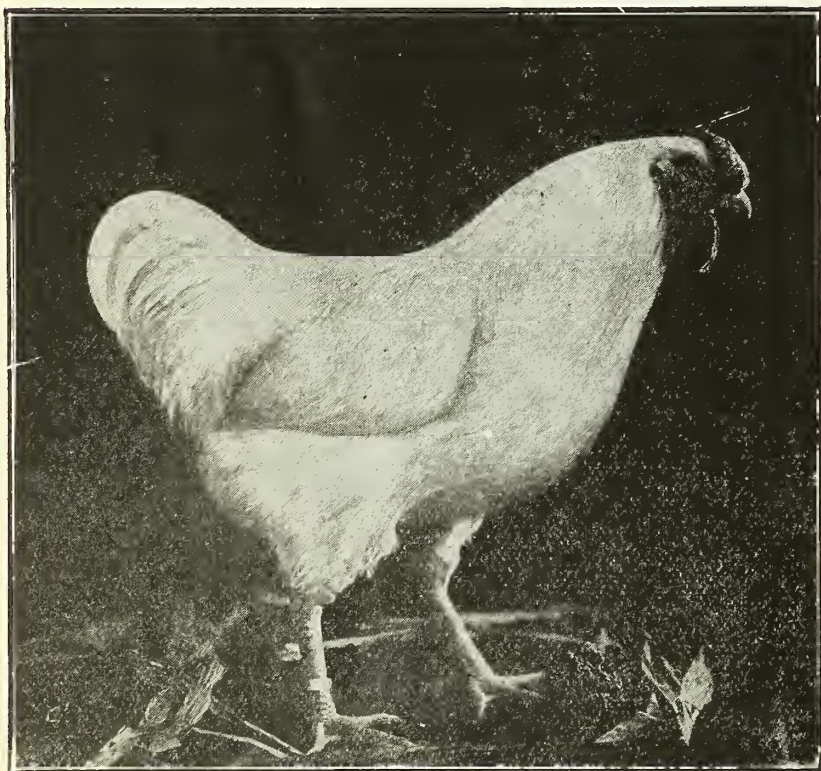
Some sort of green feed must be supplied. For this purpose nothing is better, cheaper or more easily obtained than sprouted oats. Soak oats twenty-four hours in a bucket. Empty out into shallow boxes with perforated bottoms. Soak a fresh bucketful daily and at the end of the week you will have seven sprouting trays with the first batch ready to feed. Provide plenty of water, oyster shell, grit, charcoal and meat scraps or sour milk and you will have a ration that will make them lay whether they want to or not.

WHY ANCONAS ARE BECOMING SO POPULAR.

As a Fancier's Fowl the Anconas Have Many Admirers—They Are Very Attractive in Appearance—As Winter Layers They Rank High.

By H. Cecil Sheppard, President International Ancona Club.

AFTER twenty years' experience as a traveling salesman, I am now having a good time running a poultry plant of my own. This happy change in business came through the laying ability of Anconas; so I take pleasure in writing a few lines in behalf of my business partner—the Mottled Ancona. I am a believer in the strenuous life, therefore in choosing a business partner, I naturally desired one who was willing to excel in that direction. Am



One of Mrs. Vertree's Prize Winning Rhode Island Whites, Cecilian, Kentucky. See advertisement on inside front cover.



FIRST PRIZE COCK *FIRST PRIZE HEN*
WHITE WYANDOTTE WINNERS AT NEW YORK STATE FAIR SEPTEMBER 1914.
BRED AND OWNED BY JOHN S. MARTIN *PORT DOVER, ONT.*

To produce winners year after year in any variety of poultry, one must know the blood lines of his stock and have an intimate knowledge of the dominant and recessive qualities and characteristics of his breed or variety. We have observed the repeated winnings of John S. Martin's Regal White Wyandottes at

New York State Fair for eight or ten years past, where they have swept the decks of practically all first honors each year. To be able to produce winning Wyandottes in this manner is no small matter. We believe that Mr. Martin has established one of the greatest strains of purebred poultry in existence which could only be accomplished by

careful, scientific breeding and selection. Regal White Wyandottes have won for Mr. Martin and his patrons wherever they were shown, and no doubt will continue to do so under the guidance and breeding operations practiced by Mr. Martin, which has brought them so much glory and public favor.

A. O. SCHILLING.

pleased to say that the Ancona hen has not disappointed me. She has proved herself to be a very worthy partner, and I have found her to be industrious and profitable. I shall always have a grateful feeling toward her because it was through her industry that I found myself in a position to resign my place on the road for more profitable work. I might say that there are many more who might enjoy more comfort and luxury if they would give the Mottled Ancona a chance to help them.

As a fancier's fowl, the Anconas have many admirers. The feathers are black with a white tip that makes a very pretty contrast. The male stands erect and looks as if on dress parade at all times; in fact, it is difficult to get a flock of chickens more attractive in appearance than a flock of Anconas. But it is not about the Anconas as an exhibition fowl that I wish to write especially, but to present her as a utility bird.

As winter layers Anconas rank high, and they do not have to be coddled or have on "open winter" to make a record. A doctor in Pennsylvania wrote last spring: "My Anconas have laid well and consistently all winter, which was the longest and coldest for forty years. Half of them had their combs frosted when the mercury went to 30 degrees below zero on January 13, yet on January 31 my thirteen pullets laid twelve eggs."

Another Pennsylvania breeder wrote: "My thirty-two Anconas averaged during December and January 67 per cent, and the temperature ranged as low as 30 degrees below zero. The largest number of eggs for any one day, twenty-nine, was laid on the coldest day, January 10. If the cold had any effect on them it was evidently only in their greater activity and increased egg production."

And from the cold climate of Canada comes this testimonial: "My Anconas have surpassed my most sanguine

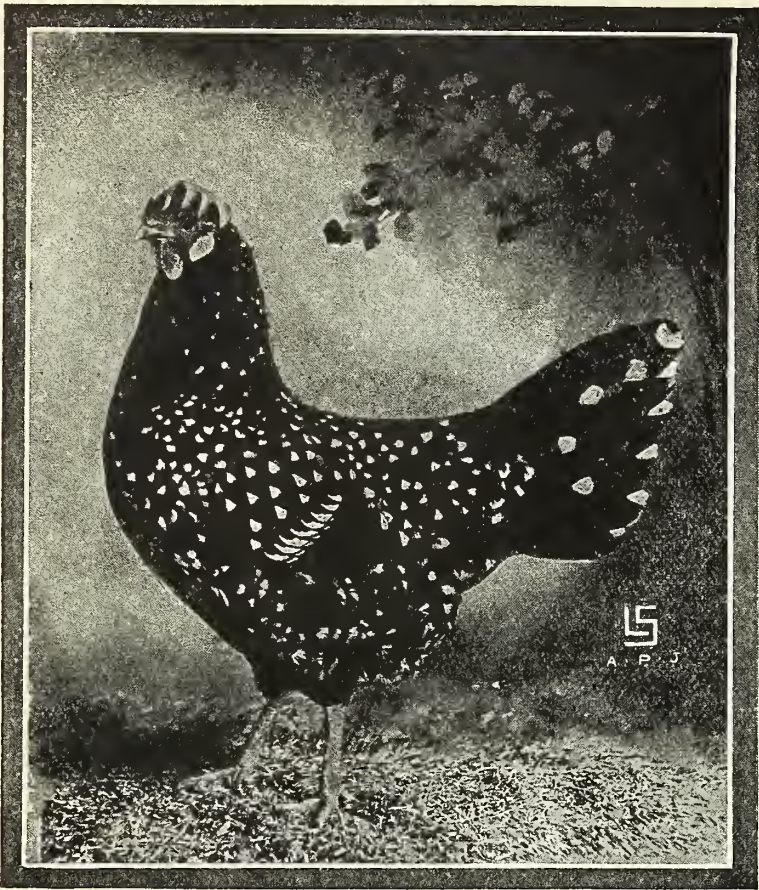
expectations in regard to their laying ability. They beat everything around here. It seems almost incredible that hens could lay so well, but seeing is believing. The poultrymen here doubted at first, but are now convinced, after seeing what my Anconas are doing. They have been laying at a remarkable rate ever since they arrived."

A woman who has a flock of Anconas wrote recently: "My pullets are now laying and I am selling the eggs at 50 cents per dozen. I call my chickens my 'bank.' I have kept an account of what I sell each year. I make more clear money off my hens than my husband does at work, and he gets \$2.75 per day. I am very proud of my chickens."

Standard Requirements.

Perhaps a few words about the color and other standard requirements would interest some of my readers. The male should be beetle green in color, with every fifth feather having a v-shaped tip of white, excepting the secondary and main flight feathers in the wing and the sickle feathers of the tail, which should all have a small tip not exceeding one inch in length. The undercolor should be dark and free from foreign color. Other things being equal, the specimen having the darkest undercolor shall have the preference. White feathers in the wing or tail are a defect and are considered objectionable. The plumage of the female is like that of the male, except that it is free from the gloss his plumage has.

There are two varieties of Anconas that are distinguished by the comb. In other particulars they should be alike. The single comb of the male is of medium size with five deep, broad, even serrations, forming a regular curve upward, free from twists, curves and excrescences. The comb of the female should be medium size and



First Prize R. C. Ancona Pullet, Madison Square Garden. Bred and owned by H. Cecil Sheppard, Berea, Ohio.

deeply serrated. It should have five distinct points; the front portion of the comb and first point should stand erect, while the remainder of the comb should droop gradually to one side, but not so much as to interfere with the sight of the bird. The texture of the female comb should be finer than that of the male, and free from folds and wrinkles. Side sprigs on the comb of either bird are a disqualification.

The comb of the rose comb bird is medium size, wide across the center, narrowing slightly at the front and at the back, tapering to a good point. The top line from the front to rear should be parallel to the top line of the skull. The upper surface of the comb should be nicely pebbled or corrugated. The comb of the rose comb hen should be very small as compared with that of the male, but should be of the same character. The color should be a bright red and rounded at the rear to a blunt point. A comb that is too large upon the skull is defective.

The single comb birds are more extensively bred, as the rose comb is a newer variety. They were imported into this country several years later than the single comb birds, but are meeting with popular favor in some sections on account of the fact that their combs are less apt to freeze. Many single comb breeders are bothered with combs having too many serrations. The standard requires five, but the tendency is to have six or seven. Occasionally I have seen birds that had combs too large, that had a tendency to lop. The rose comb breeders find their troubles in getting good spikes on the comb. Each year these troubles grow less, and in our largest shows today, Anconas of both varieties are found that have splendid combs.

The head is of medium size, moderate in length, rather inclined to be wide, and is carried well back. The beak is medium, with a moderate curve and it should be yellow with black or corn colored shadings.

The back of the male should be of good length, broad and well filled, carried in a slightly downward position, with a concave sweep to the tail, leaving no apparent angle between the back and tail, which should be large and well spread. The main tail feathers should be carried at an angle of 40 degrees from the horizontal. The sickle should be long and well curved, with an abundance of covert feathers.

The back of the female should show good length, should be broad and well filled and it should be slightly inclined to a downward position, but not so pronounced as in the male. The tail of the female should be long, full, well spread and carried at an angle of 35 degrees. It has been a common defect among Anconas to find the tails carried

at too high an angle. In our best shows birds with high tails are never placed, but these high tails are gradually disappearing. It will not be many years before this defect will be seldom found.

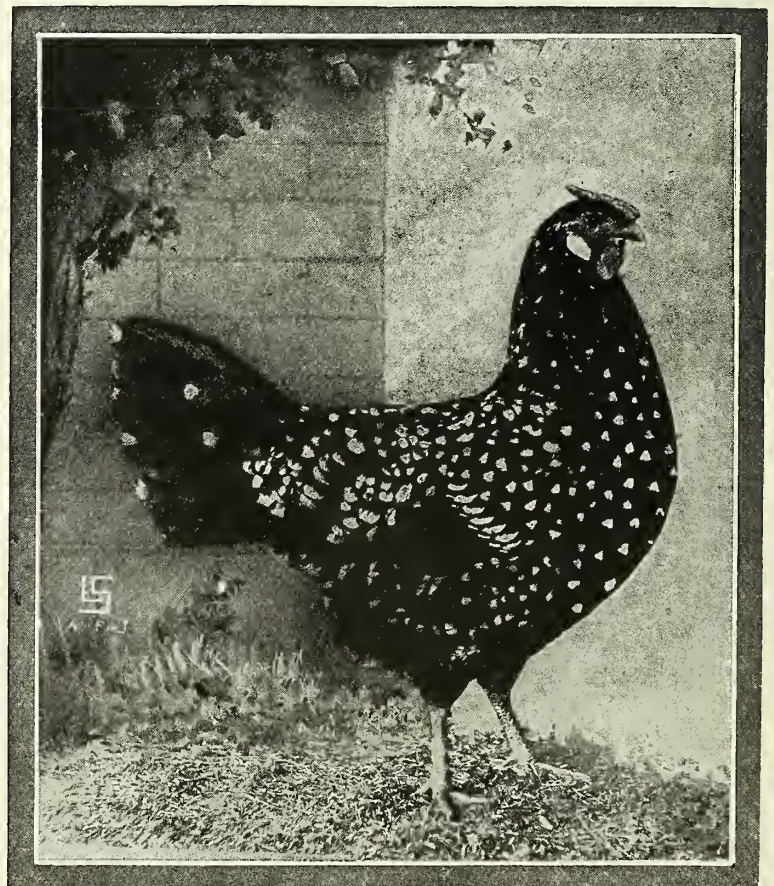
A few years ago red ear-lobes were also in evidence in most flocks, and where red ear-lobes were not found, we usually found some white in the face. These were serious defects, but they have practically disappeared from the best flocks.

The legs should be medium in length, but not too long, and they should be yellow or yellow mottled with black. Much stress has been laid on yellow legs. Some object to this on account of them not being in harmony with the color of the bird. Many breeders prefer a yellow shank mottled with black for this reason.

Ancona Size.

There has been considerable discussion about the size of the Ancona. Some breeders favor the very large type, but since the Ancona's mission is the production of eggs, the best breeders prefer eggs first and size second. They want a bird of good size, but they do not want their birds to be classed with the Minorca. One of the objections of breeding them too large is that they are more apt to become broody. The Anconas are active and hardy and flourish in close confinement. While a large percent of the eggs hatch livable chicks, we have known of hatches of 100 per cent after the eggs were shipped three thousand miles. The chicks run forth from incubator or mother hen as alert as matured song birds. The young cockerels often crow at an early age of six weeks. Pullets frequently lay at four months of age, when properly cared for. It is my belief that on account of their phenomenal growth they will produce more meat at the end of ten weeks after hatching than any other breed of this class, or any of the larger breeds. The Ancona rooster makes surroundings cheerful with his hearty crow. He has an ever watchful and faithful care of his flocks, going into the nests and feed bins to call the hens to eat. The eggs invariably hatch true to the characteristics of the breed, therefore one can depend on getting good birds from choice matings.

We Ancona breeders believe that they are the birds to select if you want more chicks, more eggs, more meat, finer feathers, more activity, more cheer and less vermin and smaller rations than other breeds demand. There are many who are overlooking the splendid opportunities that are rapping at their doors. The American hen has great possibilities if she is given a chance. Her earning capacity is remarkable.



First Prize S. C. Ancona Pullet, Madison Square Garden. Bred and owned by H. Cecil Sheppard, Berea, Ohio.

OVERFEEDING MORE DANGEROUS TO YOUR CHICKENS THAN UNDERFEEDING.

Do not Give the First Feed Until the Chicks are at Least Forty-eight Hours Old—Nature Provides for Them up to this Time—Feed the Chicks at Least Five Times Daily.

OVERFEEDING is more dangerous to young chickens than underfeeding, say the Department of Agriculture specialists in raising poultry. Young chickens should be fed from three to five times daily, depending upon one's experience in feeding. Undoubtedly chickens can be grown faster by feeding five times daily than by feeding three times daily, but at no time should they be fed more than barely to satisfy their appetites and to keep them exercising, except at the evening or last meal, when they should be given all they will eat. Greater care must be exercised not to overfeed young chicks that are confined than those that have free range, as leg weakness is liable to result in those confined.

The young chicks may be fed any time after they are thirty-six to forty-eight hours old, whether they are with a hen or in a brooder. The first feed may contain either hard-boiled eggs, johnnycake, stale bread, pinhead oatmeal or rolled oats, which feeds or combinations may be used with good results. Mashies mixed with milk are of considerable value in giving the chickens a good start in life, but the mixtures should be fed in a crumbly mass and not in a sloppy condition. After the chickens are two months old they may be fed four times daily, and after three months old, three times daily, with good results. Johnnycake composed of the following ingredients in the proportions named is a very good feed for young chicks: One dozen infertile eggs or one pound of sifted beef scrap to ten pounds of corn meal; add enough milk to make a pasty mash, and one tablespoonful of baking soda. Dry bread crumbs may be mixed with hard-boiled eggs.



Scene on New Laid Egg Farm, Lexington, Ky. They breed S. C. White Leghorns exclusively.

making about one-fourth of the mixture eggs, or rolled oats may be used in place of the bread crumbs. Feed the bread crumbs, rolled oats or johnnycake mixtures five times daily for the first week, then gradually substitute for one or two feeds of the mixture finely cracked grains of equal parts by weight of cracked wheat, finely cracked corn and pinhead oatmeal or hulled oats, to which about five per cent of cracked peas or broken rice and two per cent of charcoal, millet or rape seed may be added. A commercial chick feed may be substituted if desired. The above ration can be fed until the chicks are two weeks old, when they should be placed on grain and a dry or wet mash mixture.

After the chicks are ten days old a good growing mash, composed of 2 parts by weight of bran, 2 parts middlings, 1 part corn meal, 1 part low-grade wheat flour or red-dog flour and 10 per cent sifted beef scrap, may be placed in a hopper and left before them at all times. The mash may be fed either wet or dry; if wet, only enough moisture (either milk or water) should be added to make the feed crumbly, but in no sense sloppy. When this growing mash or mixture is not used a hopper containing bran should be accessible to the chickens at all times.

When one has only a few chickens it is less trouble to purchase the prepared chick feeds, but where a consider-

able number are reared it is sometimes cheaper to buy the finely cracked grains and mix them together. Many chick feeds contain a large quantity of grit and may contain grains of poor quality, so that they should be carefully examined and the quality guaranteed before they are purchased.

As soon as the chickens will eat the whole wheat, cracked corn and other grains, the small-sized chick feed can be eliminated. In addition to the above feeds the chickens' growth can be hastened if they are given sour milk, skimmed milk or buttermilk to drink. Growing chickens kept on a good range may be given all their feed in a hopper, mixing 2 parts by weight of cracked corn with 1 part of wheat, or equal parts of cracked corn, wheat and oats in one hopper and the dry mash for chickens in another. The beef scrap may be left out of the dry mash and fed in a separate hopper, so that the chickens can eat all of this feed they desire. If the beef scrap is to be fed separately it is advisable to wait until the chicks are ten days old, although many poultrymen put the beef scrap before the young chickens at the start without bad results. Chickens confined to small yards should always be supplied with green feed, such as lettuce, sprouted oats, alfalfa or clover, but the best place to raise chickens successfully is on a good range where no extra green feed is required. Fine charcoal, grit and oyster shell should be kept before the chickens at all times, and cracked or ground bone may be fed where the chickens are kept in small bare yards, but the latter feed is not necessary for chickens that have a good range.

The United States Department of Agriculture recently issued Farmers' Bulletin No. 624, entitled "Natural and Artificial Brooding of Chickens," which contains the practical instructions that have been given in this series. It may be had by poultry raisers free of charge on application to the United States Department of Agriculture, Washington, D. C.

1,350 MILES OF EGGS SHIPPED FROM MORRISTOWN DURING 1914.

**553 Cars Poultry in Solid Shipments, Besides Numerous Mixed Cars, Express and Parcel Post Shipments.—
—Total Value Over \$2,000,000.**

THIRTEEN hundred and fifty miles of eggs were shipped from Morristown during 1914. The records of the Southern Railway Company show a total of 325 solid cars shipped during the year. These contained a total of 130,000 cases or 46,800,000 eggs. When the shipments in mixed cars and by express and parcel post are added the total is in excess of fifty million eggs, worth at the average retail price more than \$1,250,000. Laid end to end in a straight line these eggs would cover a distance of 1,350 miles, or the distance from Morristown to the Panama Canal, from Morristown to the Gulf of St. Lawrence or from Morristown to El Paso, Texas; or they would extend from New Orleans to the northern shore of Lake Superior, or from Jacksonville, Fla., to Bangor, Me.

One hundred and seventy-five cars of live poultry, fifty-three cars of dressed fowls and a large number of small lots sent by freight and express have been shipped during the year, the total of solid cars of poultry and eggs being 553. The total value of poultry products shipped during 1914 is well over the \$2,000,000 record of last year, although market conditions have been less favorable.

The broiler industry has probably suffered more from adverse conditions than any other branch of the poultry business. Packers selling the bulk of their product to steamship companies have been compelled to seek other markets because of the interference of the European war with ocean travel. Morristown milk-fed broilers are now served on dining cars and in large city hotels throughout the eastern half of the United States. The production of sterile eggs on the farms specializing in this new and promising branch of the industry has been materially increased and good prices prevailed throughout the year.

Fanciers report a considerable increase in the demand for breeding fowls, exhibition birds and eggs for hatching, several breeders having sold all their surplus fowls and booked orders ahead for delivery next season.

SUBSCRIPTIONS—One year 50c. Three years \$1.00. Foreign subscriptions 75c. In order to start with current number, the subscriptions must be received at the office by the 10th of the month.

PUBLISHERS' ANNOUNCEMENT—All manuscript and copy for change of advertisements should be in our hands promptly by the 10th of the month preceding date of issue. **THIS IS IMPORTANT.** New business can be accepted as late as the 25th of the month, but special position cannot be guaranteed.

CORRESPONDENCE—We cordially invite letters and articles from all our readers on any subjects of interest or value to the poultry industry. Send in some matter; your experience and observations may be just what some one may be looking for and save them from mistakes and losses you have suffered in the past. If you have something to tell our readers, don't fail to send it in. This is your journal; make good use of it and help to make it useful to others.

THE INDUSTRIOUS HEN

Absorbing Poultry Ideas, Louisville, Ky.; Practical Poultry, Birmingham, Ala.; The Poultry Times, Norfolk, Va.; Southern Poultry Magazine, Nashville, Tenn.; The Poultry News, Bustleton, Pa.; Tennessee Poultry Journal, Lebanon, Tenn.; The National Poultry Breeder, Owensboro, Ky.; Everybody's Poultry Journal, Nashville, Tenn.

PUBLISHED BY
BLAIR-YOUNG PUBLISHING CO.
Incorporated
American National Bank Building
LOUISVILLE, KY.

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OFFICERS AND DIRECTORS
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THOS. J. KNIGHT, Vice President.
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F. A. GOODLIN, Traveling Representative. W. J. SMITH, Artist.

WE ALWAYS STOP THE MAGAZINE at the expiration of the time paid for unless a renewal of subscription is received. Those whose subscriptions have expired must not expect to continue to receive the magazine unless they send the money to pay for it another year.

MISSING NUMBERS—It occasionally happens that numbers of our magazine sent to subscribers are lost or stolen in the mails. In case you do not receive any number when due, write us a postal, and we will cheerfully forward a duplicate of the missing number.

AGENTS WANTED—We want agents to secure subscriptions. Liberal terms and outfit sent on application.

ADVERTISING RATES—\$2.00 an inch. Flat liberal discounts on contracts paid one year in advance.

CLASSIFIED ADVERTISEMENTS—3 cents per word per issue. No advertisement accepted for less than 50 cents, cash in advance.

THE OUTLOOK IS BRIGHT FOR 1915.

THE outlook for good business in the South this season is very promising, in fact, we have received dozens of letters from our advertisers during the past ten days telling us of the good sales they are making and how business is really picking up after such long dull times. We have been telling you that business would be good, and warned you to be in position to fill all orders promptly. We learn that some breeders have already sold out on stock. We were talking of Thurston Pope, of the firm of Pope & Pope, just last week, and he informed us that they had practically sold all the stock they could spare. They are among the largest breeders in the country. They raise from 1500 to 2,000 youngsters each year.

This coming year will be the best year ever known for breeders who get into the Southern field, for the Southern farmers are going to raise more chickens and less cotton, and consequently there will be a greater demand for purebred stock and eggs than was ever known. We print below four letters which we received in this morning's mail (January 20), and think that this will convince you that there is plenty of business to be had if you will only get busy and go after it.

Moultrie, Ga., Jan. 18, 1915.
The Industrious Hen,
Louisville, Ky.

Dear Sirs: The poultry outlook is what we consider good and we are going to thrive the size of our flocks the coming season, therefore will not have much stock to offer so will not do much advertising for the present. We believe the poultry business is a paying proposition and we are in it to stick. If you are the same way by the publishing business we will very likely do some good business together later on. Yours very truly,
HARLEY L. WILLIAMS.

This breeder realizes that there are great opportunities in the poultry business now and he feels just as we do on the subject. He is getting ready to supply the wants during the coming year by thribbling the size of his

plant. This is what every wise breeder will do. The business is now in its infancy, so if you belong to Mr. Williams' class, you will get busy and be ready to do a great business.

Glendale, Ky., Jan. 18, 1915.
Blair-Young Publishing Company,
Louisville, Ky.

Gentlemen: I am enclosing change of copy for February. Your paper is doing the work this year. Have made some nice sales and inquiries are coming in on every mail. About all my surplus stock is sold. Very truly yours,
W. B. JENKINS.

We were talking to Mr. Jenkins at Lexington during the Kentucky State Poultry Show, and up to that time business had been a little slow with him, but by reading his letter above you will see that business is coming in good now. There is only one way to get business and that is to advertise and stick at it continually, year in and year out. Mr. Jenkins realizes now how and where to make the sales.

Lexington, Ky., Jan. 18, 1915.
Blair-Young Publishing Company,
Louisville, Ky.

Dear Sirs: Enclosed money order to cover my ad in January Hen. Inquiries and orders are coming in daily, which is convincing evidence that Industrious Hen is a good business proposition. Very truly,
E. B. McQUOWN.

This advertiser has used The Industrious Hen but one month, but still under the conditions of business at this time he is getting good results and making a lot of splendid sales. We are glad to see business getting back to normal again, and by the middle of the summer we think every one will by that time secure his or her part of the business that is awaiting them.

Prospect, Ky., Jan. 18, 1915.
Blair-Young Publishing Company,
Louisville, Ky.

Dear Mr. Blair: Enclosed find my check for \$3.00 as per enclosed bill. Kindly change wording in next issue as stated on another page. Am glad to report having many inquiries and a \$7.00 order sent to Greenville, S. C.
Very truly yours,
MRS. M. T. ENGLISH.

We could quote a dozen other similar reports like the above, but this is what we received in this morning's mail, and we think this sufficient to prove to every one that business is

good at this time, and will be a great deal better during the coming year. If you are not advertising now, don't delay it a minute longer, but get your copy in at once, so you can get your share of this business. It is here in the South for you, if you will go after it.

NEW MEMBERS OF THE AMERICAN POULTRY ASSO.

THE following new members have been elected to membership in the American Poultry Association, by action of the executive board:

Joseph L. Ferris, Groton-on-Hudson, N. Y.; Ernest M. Rogers, Hempstead, N. Y.; Melvin R. Uphoff, Schenectady, N. Y.; Wellsville Poultry Association, Wellsville, N. Y.; Frederick J. Phillips, Oyster Bay, N. Y.; Clarence C. Rich, Ossining, N. Y.; John Rudolph Jensen, Great Neck, N. Y.; Geo. Tyler Huson, Libertyville, Ill.; Mrs. E. R. Dees, Waltonville, Ill.; Emmett H. Roberts, Murphysboro, Ill.; W. M. Ridnour, Savanna, Ill.; Frank Koehler, McNabb, Ill.; G. W. Sword, Lanark, Ill.; Geo. L. Palmer, Mansfield, Penn.; John C. Peifer, Danville, Penn.; J. C. Greenwald, Wilson, Penn.; Jos. A. Yoest, Hartstown, Penn.; E. H. Lichtenwalter, Girard, Penn.; Geo. M. Wilkinson, Blairsville, Penn.; Blissfield Fanciers Club, Blissfield, Mich.; Fred M. Koons, Jackson, Mich.; Utica Poultry and Pet Stock Association, Utica, Mich.; Chas. L. Gilbert, Saginaw, Mich.; J. W. Markham, Ortonville, Mich.; E. A. Lamm, Clyde, Ohio.; R. W. Woodruff, Oxford, Ohio.; B. F. Hanum, Cleveland, Ohio.; M. M. Disler, Canton, Ohio.; Chas. M. Robinson, Van Wert, Ohio.; Forest M. Everman, Gallatin, Mo.; Jas. S. Norman, Gallatin, Mo.; St. Louis Co. Poultry Show, St. Louis, Mo.; Junior American Poultry Club, Craig, Mo.; Cass County Poultry Association, Harrisonville, Mo.; J. L. White, Oxford, N. C.; R. G. Mosley, Winston-Salem, N. C.; R. C. Taylor, Winston-Salem, N. C.; Mrs. H. P. Martindale, Madison, Kan.; Caldwell Poultry and Pet Stock Association, Caldwell, Kan.; Mrs. D. A. Pryor, Fredonia, Kan.; Vineland Poultry and Pet Stock Association, Vineland, N. J.; John A. Stewart, Short Hills, N. J.; Wm. Hobbs, South Plainfield, N. J.; H. P. Myers, Murray, Iowa; J. Dee Loudon, College Spring, Iowa; A. B. Jordan, Moravia, Iowa; Dr. W. E. Creahe, Ottumwa, Iowa; Worcester Poultry Association, Worcester, Mass.; Alta M. Haven, Mansfield, Mass.; Dr. I. J. Hovestadt, Boston, Mass.; J. E. Knecht, New Haven, Conn.; Harry E. Smith, Middletown, Conn.; Chas. H. Capewell, Woodbury, Conn.; Chas. H. Vodden, Loe Gatos, Cal.; Chas. V. Holman, Stockton, Cal.; Mrs. J. F. Rose, Ceres, Cal.; Carl D. Benson, Bel Air, Md.; D. Robert Rouzer, Lantz, Md.; J. P. Cishler, Abie, Neb.; Mrs. M. J. Gallatin, Wahoo, Neb.; Tri-State Poultry Farm, Angola, Ind.; P. F. McCarty, Fortville, Ind.; A. H.

Skeede, New Lisbon, Wis.; Mukwonago Poultry and Pet Stock Association, Mukwonago, Wis.; W. H. Thomas, Ilo, Idaho; Lewis County Poultry and Pet Stock Association, Ilo, Idaho; Southeast Texas Fair Association, Beaumont, Texas; Suwanee Fair Association, Live Oak, Fla.; W. C. Roush, Arcadia, Fla.; Chas. F. Butler, Newberg, Ore.; Helen Dow Whitaker, Pullman, Wash.; Paul Von Mehren, Hinckley, Minn.; Sooke Poultry Association, Vancouver, B. C.; A. J. Hedrix, Gilman, Mon.; Missouri Slope Poultry Association, Dickinson, N. D.; Ohio Falls Fanciers Association, Louisville, Ky.; E. J. Ratledge, Newport, Del.; J. M. Springer, Stillwater, Okla.; J. A. Fosse, Wallace, S. D.; H. G. Wells, Santa Clara, Cal.; John Sexton, Abia, Iowa; Ashland Poultry Association, Ashland, Ohio; W. V. Wilson, Wills Point, Texas.

NOTES AND COMMENT.

Once more the big show season is over and we are now turning our time to the mating and care of the breeding stock. Many breeders already have hatches started, realizing that the early hatched bird will win the blue at the fall fairs, and fill the egg basket next fall when the price is sure to be high. Above all things our breeding birds should have constitutional vigor. Do not breed from a bird that has ever been seriously sick, for to do so is to lay the foundation for future trouble. This is the only safe plan to follow if we want to succeed in the business.

Have you bought your incubator yet? Of course you are going to use one for it is the only satisfactory way to hatch chickens and we must use it in order to get off as many chicks as we need, if we want to get them off at the proper time. Don't put off ordering until you are really needing the machine and then get "fussy" because it does not reach you in a couple of days. All incubator concerns are rushed to their fullest capacity at this season of the year and we should put our order in early to insure our getting our machine when we want it.

Do you make notes of experiments in your poultry work? We always like to keep a record of number of eggs gathered, the number of eggs set, on what date, the number of chicks hatched, and when, and many other little experiments that we may try out from time to time. Such little notes are interesting and helpful for future reference. Try it.

The 46th anniversary number of the American Poultry Journal for January was indeed a treat to the poultry world. This number alone was worth the price of a year's subscription. We always enjoy reading this paper. May she live long and prosper in the future as she has in the past.

Now is the time to prepare for your next winter's eggs. Early hatched chicks, from vigorous parents and then well raised, that is, kept growing from the day they are hatched until the day they begin to lay, will be paying you a nice income next Thanksgiving day. If you want November eggs plan for them now.

Do you visit your brother fancier's plant quite often? It is an excellent thing to do. You are sure to get some good points while looking over other men's plants. Talk with them, exchange ideas, discuss various ways and methods of doing things. You'll

be helped and inspired by such a visit and will go home full of enthusiasm and determined to succeed as never before. Try it.

Make no more changes in the laying quarters than is absolutely necessary when preparing for the spring work. Too much changing around will cut the egg yield considerably.

That editorial, "Confidence a Prime Requisite," in the January number of the Poultry Item was much enjoyed by me. It is a common sense, practical, down-to-date talk from Brother Cornman and it will do you good to read it if you have not already done so.


We hope to soon see the day when the buyer of purebred poultry will state the price he wishes to pay and the quality of stock he expects at that price, when writing the advertiser. With the present method of doing business the seller must quote prices on from the cheapest to the highest priced stock on his place in order to be sure of making a price that will suit the buyer. If the buyer would just say: "I need a good male to head one of my pens; would pay \$5 for a good one. Please describe what you can furnish at that price," then the seller would know just what was desired and could describe fully what he had to offer at that figure. What do you think about it, reader?

The Charlotte, N. C., poultry show held there December 30-31 and January 1-2, was, as far as quality is concerned, probably the best show held in the entire South this season. Judges Theo. W. Wittman, of Allentown, Pa., Loring Brown, of Atlanta, Ga., and R. L. Simmons, of Charlotte, N. C., placed the awards and did it well. Barred Rocks led in numbers and the quality was up to anything ever seen in the South and would have compared favorably with any in any show in America. Partridge Wyandottes were next with a large and beautiful class. White Wwandottes, S. C. White Leghorns, Black Langshans and White Rocks were also big classes. The lecture given by Judge Wittman on poultry breeding was thoroughly enjoyed

by a large number of poultrymen, it being one of the best, if not the best, ever heard in this section of the country. Secretary Byford worked hard to make the show a success and he deserves much credit for pulling off one of the very best of shows.

Spring will soon be here and we are glad it is so. We always take a great delight in caring for the breeders, operating the incubator, looking after the needs of the little chicks, packing and shipping eggs to our customers, etc. It is a busy time but one we enjoy most of all seasons. Plan your spring work now and have everything just as convenient as possible when the rush comes. You will get along much better if you plan ahead.

D. R. McBRAYER.



THE OLD RELIABLE LAMBERT'S DEATH TO LICE

**Insures Clean Fowls —
Larger Profits**

It has been the
Standard Lice-Killer

Killer for over 30 years—the standby of Successful Poultry-keepers. Easily used, absolutely safe, sure and quick in results. Most economical because it goes farthest. Try it and see young fowls grow faster and hens lay. Prices \$1.00, 50c, and 25c per Package. Sample 10c. If not at your dealers; send direct. "Secrets of Success with Poultry" by D. J. Lambert for 2c stamp. Address
THE KLEIN-LAMBERT CO., 434 Traders Bldg., Chicago



RANCOCAS Hatching Eggs

Eggs from Rancocas S. C. White Leghorns—the world's finest laying strain. 100 per cent fertility guaranteed—a strong germ is assured. Write for free book and prices.

Rancocas Day-Old Chicks

Rancocas day-old Single Comb White Leghorn chicks are full of vitality—the product of vigorous, thrifty breeding stock from the "Million Egg Farm," largest in the world. We guarantee 100 per cent safe delivery to your express station. Rancocas chicks live and thrive! Every Chick a Live One—the Rancocas Guarantee.

Rancocas Poultry Farms, Box 633 Browns Mills, N. J.



REGAL WHITE WYANDOTTE BOOK. I have just received from the printers another edition of my book on White Wyandottes. It contains 60 pages, and is without doubt, the most complete book that has ever been published, dealing wholly with the White Wyandotte. It is full of illustrations from life, and its pages deal with a variety of subjects, including chapters on Origin, Description, Feeding, Care of Breeding Stock, Fertility, Color Characteristics, Washing and Fitting for Exhibition, Poultry Diseases, etc.

My object in issuing this book is to bring to the attention of every White Wyandotte breeder the Regal Strain, America's finest White Wyandottes. The magnificent winnings of this strain at the leading shows have never been equaled. New York State Fair, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914—forty-seven blue ribbons out of a possible fifty-four.

In 1913 my birds established a new record for the Boston Show in White Wyandottes, by winning Best Display with a score of seventy-two points, which was twelve more than my twenty-one competitors combined. My customers all over the country have established records just as good.

Would you like such a record? Then breed the Regal strain. Three thousand cocks, hens, cockerels and pullets for sale—3000.

SPECIAL—200 exhibition cockerels and 400 beautiful pullets ready now to win the blue ribbon for you. One hundred well matured cockerels from my heavy laying Dorcas line, \$10, \$15, \$20 and \$25 each. Dorcas pullets, \$3, \$4 and \$5 each. Stay-white utility cockerels, \$3 and \$5 each.

Send one dime for the **REGAL WHITE WYANDOTTE BOOK.** The information it contains will be worth dollars to you.

FREE: My catalogue and mating list is free if you will send me your name.

JOHN S. MARTIN, Box 911 Port Dover, Canada



Under this heading "Pick Ups Here and There," we will give our readers each month clippings from our exchanges that we think will interest them.

Quality in the Flock.

Most farmers would be surprised at the difference if they could be prevailed upon to kill off their present dunghill stock, keeping only a few setters for next season and start next spring by ordering eggs at five dollars a dozen from reliable breeders, thus renewing their flock. One year's experiment would satisfy them that the outlay for eggs or the two or three dollars for a choice male bird to breed from would return them the first season one hundred per cent on the investment. The increased consumption of poultry and eggs as articles of diet demonstrates the importance of this branch of the productive industries of the country, and it is believed by many that the health and well-being of our people would, from a sanitary point of view, be vastly improved by the substitution of more eggs and poultry to the exclusion of pork as a general article of diet, while poultry can be produced at less cost.

It is claimed that the commission merchants of New York City handle 1,274,000,000 eggs every year. This makes New York the greatest egg-consuming city in the United States. One commission merchant who had an idle hour, got down to figuring. He learned that the hens of the United States lay about 15,523,949,196 eggs every year, and the egg measures about two inches in length. If all the eggs laid were placed end to end, the line would extend 4,923 miles—a line four times the distance from New York City to Jacksonville, Fla.; or it would go away out to San Francisco and start back to New York again.

An order for 1,000,000 pounds of dressed chicken has been received by a Missouri packing concern to be shipped to Europe to feed French and English soldiers engaged in the war. Much of this order, it is believed, will be filled in St. Joseph, where the Swift company has one of the largest poultry packing stations in the world.

B. Willis, manager of the Hendersonville Poultry Farm at Hendersonville, N. C., has closed a contract with a big hotel at Asheville, N. C., calling for an average of \$600 worth of dressed poultry and \$75 worth of eggs each week for one year. Mr. Willis started his poultry farm on a small scale four years ago and has met with the best of success. His output last year was 20,000 chickens and \$3,000 worth of eggs. He now has 2,500 laying hens.

Advertising costs money, but the right kind of advertising in a good poultry journal is a splendid invest-

ment. Breeders who advertise know the value of their birds and the purchaser will get one hundred cents in value for every dollar he spends.

To make a success, don't follow fads and change breeds every year. Look over the breeds and select the one nearest your ideal. Then put your whole heart and soul into your work, and success will crown your efforts.

Ohio Poultry Breeders' Association.

The semi-annual meeting of the Ohio Poultry Breeders' Association (formerly Ohio Branch, American Poultry Association) was held at Bucyrus, Ohio, December 17, 1914, in connection with the local poultry show. A new constitution and by-laws was adopted. Ora Overholser, Eaton, Ohio, and W. V. H. Black, Zanesville, Ohio, were elected members of the executive board of the association to fill unexpired terms of Chas. L. Stiles, Columbus, Ohio, and

Albert H. Emch, Toledo, Ohio, resigned.

A rousing meeting was held. The affairs of the association are in the best shape since the branch was organized. Treasurer Chas. McClave,

FARM FENCE 1 1/2 Cts

17 1/2 c. a rod for 47-inch stock fence; 28 c. a rod for 50-inch heavy poultry fence. All Open Hearth Galvanized wire. Sold direct to the farmer on 30 Days Free Trial. Barb wire, 80-rod spool, \$1.45. Write for FREE CATALOG full of big bargains. **Interlocking Fence Co.** Box 36 Morton, Illinois.

BROWN POULTRY FENCE WE PAY FREIGHT

DIRECT FROM FACTORY

Costs less than netting. lasts five times as long. Sold direct from factory, freight prepaid. Stock Strong. Chick Tight. Double Galvanized. Mail postal now for free catalog and sample to test. **The Brown Fence & Wire Co.** Dept. 37, Cleveland, Ohio

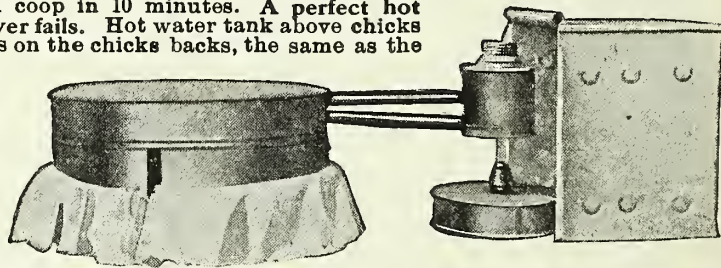
POULTRY FENCE

48 INCHES HIGH
22 1/2 cts a rod
Stays 4 1/2 inches apart. Line wires 1 1/2 inches at bottom to 3/4 at the top. Goes up like farm fence.
27 3/4 cts a rod
for a 48-inch combined Poultry and Stock Fence. Lawn Fence 6c. a foot. Lowest Factory to Farmer prices. Catalog Free.
KITSELMAN BROS. Box 253 Muncie, Ind.

A BROODER THAT WILL TAKE CARE OF 30 TO 50 CHICKS FOR \$2.50

Made of heavy No. 26 gage galvanized iron, strong and durable, can be put in any box or brood coop in 10 minutes. A perfect hot water heating system that never fails. Hot water tank above chicks that warms a flannel that lays on the chicks backs, the same as the old hen broods her chicks. Our FREE BOOK will tell you about 75 different articles we make as well as a 75 chick brooder for \$3.00, a 100 chick size for \$4.00. Send postal for this book today.

WENDELL INCUBATOR CO.
97 Main Street HOLLY, MICH.



Kentucky Hens Laid \$8,000,000 Worth of Eggs. They Would Have Laid \$8,000,000 More If They Had Been Fed on

The average hen on the farm lays only 80 eggs per year, while the commercial poultry raiser gets 150 to 200 eggs per hen. The difference is because of the difference in the feed and by the use of a small amount of ARROW Poultry Feed you can double the egg production. A full line of ARROW BRAND Poultry Feeds are sold by the leading feed dealer in your town.



We have prepared a booklet that tells all about the feeding of laying hens and growing chicks. It tells you how ARROW Feeds are made and shows you how by the use of less than 50 cents' worth of this feed you can get at least one dollar's worth more eggs. Just write us, giving the name of your dealer and we will send you this valuable booklet.

EDINGER & COMPANY, Inc.

Department A

Louisville, Ky.

New London, Ohio, was elected to the Ohio Legislature at the recent election.

American Poultry Association Annual Election.

The nominating ballots for the American Poultry Association election will be mailed to the members by the election commissioner early in February. On the ballot the election commissioner will furnish instructions to voters.

At the Chicago meeting a resolution was adopted providing that the annual convention for 1915 may be held any time between the first of July and the first of December. This provision was made in order that members desiring to do so could vote for the meeting to be held in San Francisco during the Panama Exposition, at which the poultry exhibition in connection with the exposition will be held from the 15th to the 25th of November.

This year the following list of officers will be voted for: A president, one vice president and secretary; also time and place of holding the annual meeting. Owing to the provision in the new constitution providing that in the future there shall be six elective members of the executive board, and that these members shall be chosen from the six geographical districts of the United States and Canada, there will be no executive board members elected in 1915.

It is extremely important that the members voting consider carefully the time and place to be selected for holding the 1915 meeting. It is to be presumed that those voting for the meeting to be held at San Francisco will vote for the dates that will include the poultry show to be held in connection with the exposition.

Three Cents a Dozen for Eggs—Just Think of It!

The price of eggs has increased 1200 per cent in sixty-one years. That is only one of the interesting bits of information gleaned from the account book kept by Thomas Skillen, storekeeper at what is now Dawson, Ohio, back in 1843.

Eggs, according to Skillen's quotations sold at three cents a dozen during the early forties. Now they bring between 35 and 40 cents a dozen.

Here are a few other quotations taken from Skillen's book: Potatoes, 20 cents a bushel; chickens, 10 cents each; bacon five cents a pound; butter 8 1-3 cents a pound; apples 37 1/2 cents a bushel; oats 14 cents a bushel. Just look at the market page in the newspapers and see the difference in today's prices.

But Skillen's book also gives another side to the question. A man received only 50 cents for a day's work in 1843.

Can Ship Eggs By Parcels Post.

At this time of the year when eggs are scarce the demand greatly exceeds the supply of fresh (newly laid) eggs. There are a great many housewives in towns and cities who would be very glad indeed to make arrangements with farmers to receive a stated supply of newly laid eggs every week

or so and pay a little more for such eggs than the regular market price. The biggest objection to shipping eggs by parcel post at the present time is the cost of satisfactory egg carriers. However, the difference in price paid for newly-laid eggs on the farm and that ordinarily paid for them in cities will more than pay for the egg package and also the postage.

BARRETT'S BLUE RIBBON and IMPORTED S. C. ANCONAS

The World's Greatest's Layers. Eggs \$1.50, \$2.00, \$5.00 and \$10.00 per 15. Stock for sale.

BARRETT'S ANCONA FARM

Morristown,

Tenn.

Single Comb Brown Leghorns!

Winners at Louisville, Lexington, Ky., Knoxville, Tenn., New Albany, Ind., Hamilton, Ohio, Indianapolis, Ind., Augusta, Ga. Cockerels at \$3 and \$5 each; Pullets at \$2 to \$5 each. Exhibition stock special prices.

EGGS \$2.00, \$3.00 AND \$5.00 PER 15

BONNYCASTLE POULTRY YARDS, - - - Louisville, Ky.

SILVER WYANDOTTES

At the recent Silver Wyandotte Club Show, held at Chicago, December 11-16, 1914, I won in strong competition first and second hen, first and third cockerel, first, third, fourth and fifth pullet, first young pen. Also specials for best display. Best 3 pullets, best 3 cockerels, best 2 young pens, \$100.00 Challenge Cup for best hen, pullet, cockerel and pen. I can furnish you winners for any show. Also eggs from these winners that will hatch and produce winners for you.

POPE M. LONG, - - - CORDOVA, ALABAMA



ANCONAS

prices. Satisfaction Guaranteed.

VINELAND POULTRY YARDS

TULLAHOMA

TENNESSEE

WHITE WYANDOTTES

Eggs for hatching from prize winning stock. Also a few nice cocks and cockerels for sale. I have won prizes at all of the shows that I have entered both this year and last. Write for mating list, FREE.

JOE AKERMAN, - - - Cartersville, Ga.

Spain's Barred Rocks and M. B. Turkeys

The last battle has been fought and "SPAIN'S STRAIN" banner stands triumphantly supreme in VIRGINIA. Making the wonderful winning at Norfolk Show (State Club Show), of seven firsts, four seconds, four thirds, three fourths, one fifth, three silver cups including the State Barred Rock Club cup, three specials and three money prizes. I have some very fine cocks and cockerels for sale at \$2.50 up. Also some very fine hen turkeys at \$4 up. Eggs from my winners after February 10, \$2 to \$5 per setting.

E. C. SPAIN

Church Road, Virginia



Vitality

is imparted to your whole flock by the wholesome, invigorating effects of

Pratts Poultry Regulator

Its use makes more eggs, a greater per cent fertile, bigger hatches, stronger chicks. **Satisfaction Guaranteed or Money Back.** Refuse substitutes; insist on Pratts. Increases your profits and saves you money.

Pkgs. 25c, 50c, \$1.00; 25 lb. pail \$2.50.

17 Get Pratts 160 Page Illustrated Poultry Book.

SEND 10 CENTS IN STAMPS TO

PRATT FOOD COMPANY, Philadelphia - Chicago - Toronto

Just say you saw it in The Industrious Hen.

Kentucky Poultry Association News

Why You Should Join the Kentucky Poultry Association.

Every person in Kentucky who keeps poultry owes it to him or herself to join the Kentucky Poultry Association and help boost the industry in this State, whether they keep one bird or one thousand birds. Just think what a strong organization our association would be if we could get every person who keeps poultry to join with us and all pull together in an effort to boost and increase the industry in Kentucky. Think of the live poultry shows that we could hold throughout the State and the interest all would take, if we had a membership of five hundred or one thousand in the association.

The association is growing and growing fast, but it is not growing fast enough. We need more boosters and



"Sensation," Champion Pullet-bred Male of the South. First at Lynchburg, 1912, as cockerel; first at Baltimore, 1914, and first at Norfolk, 1915. Bred by E. C. Spain, Church Road, Va.

live wires to assist in the work. The dues are only one dollar per year and the advertising you get out of it alone is worth twenty times the price. Within the next thirty days the association will get out a directory showing its members, and giving the breeds and varieties they breed, and these will be sent out and distributed everywhere, and will be the means of your getting in touch with live buyers. Any one who is not a member and wants their name to appear should send in their application at once.

The association will offer many gold specials during 1915 and to compete you must be a member. At the recent State Show, at Lexington, last month, the association offered \$25 in gold to its members, but only \$15 of this money could be paid for the other breeders who won could not compete as they were not members. If they had been members of the association they could have taken the gold special home with them and advertised winning same.

If you don't join now, you will regret it, for you may be the loser of

one or more of the gold specials sometime soon. These specials will be offered at every poultry show held in the State this year if the breeders will respond and join our association. All money that is taken in as dues will be paid back to members as special premiums.

The following members won the gold specials at the Kentucky State Poultry Show, January 4-8, 1915:

Best pen in American class—Jno. S. Steers, Dry Ridge, Ky.

Best pen in Asiatic class—Harris Lehman, Midway, Ky.

Best pen in Mediterranean class—J. T. Milligan, Stithton, Ky.

Do you want to help us boost the industry in this State? If so, join the Kentucky Poultry Association now.

Just \$1.00. This pays your dues for one year. You had better join now.

"Good Enough for Father—Good Enough for Me."

"Very unprogressive," you'll say. Yes, such a statement is not in line with that searching, driving, unbelieving force called by various names—modern science, modern business, modern agriculture, etc.

But think for a moment. Don't you find some of the old things best after all? Why do we study the methods of the feeders and breeders of the Old World, who have brought their poultry, cattle, sheep and hogs to such high state of perfection? We are now beginning to excel them in a few things, but did not until we had carefully studied the methods adhered to by their fathers and grandfathers—methods time-tried and found not wanting.

And what about the poultry end of it?

What about poultry foods, for instance? Constant improvement, yes; more scientific in balancing rations, yes. But the foods that have produced splendid results for many years—foods that are, and always have been honest, clean and wholesome—are mighty safe to stick to. Take for instance the line of poultry foods of F. P. Cassel & Son, A-14 Main street, Lansdale, Pa. They've made good since 1884—particularly their F. P. C. Chick Manna. They are still the favorite with careful poultrymen—and will probably be so as long as Cassel & Son are in business. They've been improved, of course, but the old principles of their composition have been religiously adhered to.

Just now you can take advantage of a special price on this Chick Manna—just to try it—special on a one-pound, five-pound or 15-pound package sent by parcel post, and of course prepaid. This food is unequalled for bringing chicks safely through that critical period—the first ten days. It regulates and strengthens the digestive organs, promotes growth and helps ward off epidemics—particularly those fatal attacks of bowel trouble. Michael K. Boyer, the well known poultry authority, says, "Chicks not only like it, but thrive wonderfully on it." You'll find this the case, too. Better try, say, a five-pound package, enough for 75 chicks for a week. At least send for free circulars on the time-tried and tested "F. P. C." line of poultry foods and supplies. You'll find Cassel's goods are "some of the old things that are best, after all."

Millions of Dollars Lost Annually

During the breeding season in wasted eggs alone caused by impaired fertility. **CERTIFIED FERTILITY TABLETS** (Charles T. Cornman's formula) are the greatest discovery of the age. 100 doses 50 cents postpaid.

CERTIFIED FARMS CO., Inc. Dept. L. CARLISLE, PA.

"Fine Chickens"

High Class Exhibition

White Orpingtons,
Eggs and Stock for Sale

Money back if not satisfied

W. A. ANDREWS - OPELIKA, ALA.

BUFF PLYMOUTH ROCKS

Won first cock and first pen and seven other ribbons at Kentucky State Fair, 1914. Stock for sale at low rates for quality. Eggs from best pens \$2.00 for 15. Range eggs \$1.50 for 15.

MRS. M. T. ENGLISH,

Cumb. Phone Harrods Creek Ex.

Prospect, Ky.

SIX TIMES THEIR WEIGHT IN EGGS

That is the record of a pen of our White Leghorns at the Missouri Egg Laying Contest. We won the Sweepstake prize at the Georgia State Fair in Macon, and recently sold a cock bird for \$150.00, which is probably the highest price ever paid for a Southern bred bird. We have a licensed A. P. A. Judge in personal charge of our plant. Largest White Leghorn farm in the Southern States. Write for catalogue which tells you all. It's free.

BEALLWOOD POULTRY FARM,

Lock Box T,

Columbus, Ga.

SPRINGER'S "KANT BEATEM" STRAIN S. C. R. I. REDS WIN AGAIN

How does this look to you Mr. Breeder? Compare this record with others, and will see that our Reds lead them all.

At Enid last January, 1-4 cock, 1-2 hen, 3-4 pullet, 4-5 cockerel, FIRST pen, shape and color special female. At Muskogee November 30th to December 5th, 2-7 hen, 3 cockerel, THIRD pen. At Topeka, Kansas State Show, 2-3 hen, 3 pullet, color special on female.

Our pens are headed by the following grade birds:—4 cock at Enid, 2 cockerel at Coliseum Show. In St. Louis, in November, 1 cockerel at Arkansas State Fair, 3 cockerel at Muskogee. Six big pens, with prize winning hens and pullets in every one of them. Eggs \$7.50, \$5.00, \$3.00 and \$2.00 per fifteen. Mating list on inquiry. 100 fine cockerels and 100 fine breeding pullets for sale. Exhibition birds priced on inquiry.

J. M. SPRINGER

STILL WATER, OKLAHOMA

Wisconsin Wins In Big Hatching Contests EVERY YEAR

130 Egg
Incubator

130 Chick Brooder

BOTH For

\$10 Freight Paid
East of Rockies

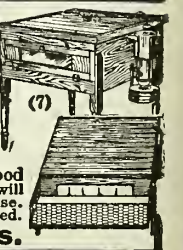
180 Egg Incubator
and Brooder \$12

Wisconsin incubators won in 1910, 1911, 1912, 1913 and 1914 in National Hatching Contests—Thousand of machines competing. Catalog tells all about it—and why Wisconsin are winners. If ordered together—

BOTH MACHINES \$10—Freight Paid East of Rockies

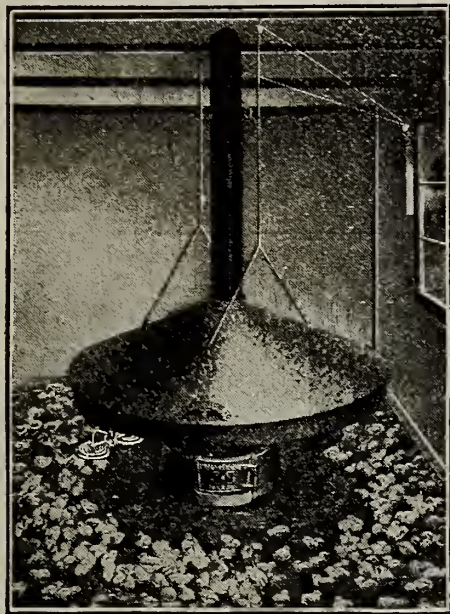
Wisconsin have hot water heat, double walls, dead air space between, double glass doors, copper tanks and boilers, self-regulating. Nursery under tray. Incubator and Brooder shipped complete with thermometers, lamps, egg-testers, all set-up, ready to use when you get them. Incubators finished in natural color showing high-grade Calif. Redwood lumber we use—not painted to cover up cheap material. Send for catalog and we will send you a sample of the material, then you can compare it with the kind others use. If you will do this we know you will order a Wisconsin. Money back if not satisfied.

Wisconsin Incubator Co., Box 60 Racine, Wis.



CHICKSWhite Runner Ducks }
a Specialty**YOU WANT THEM EARLY—ORDER NOW****LEGHORNS—ROCKS—REDS****BRED RIGHT—HATCHED RIGHT—SHIPPED RIGHT****SNOWFLAKE HATCHERY** { **INDIANAPOLIS, IND.**
1404 Sturm Ave.**CHICKS****The Cyphers Company's Coal-Burning
"Colony" Brooding Hover.**

Cyphers Incubator Company, Buffalo, N. Y., with branch stores and warehouses at Boston, Mass., New York City, Chicago, Ill., Kansas City, Mo., Oakland, Cal., and Dallas, Tex.,

**Cyphers Company "Colony" Hover.**

offers for sale on page 197 of this issue a colony or mammoth brooding hover, built in four sizes, with capacities ranging from 300-600 chicks to 1200-1500 chicks. An illustration of this colony hover is shown herewith.

The Cyphers Company states that they have a stock of these mammoth hovers, supplied with or without automatic regulators, at each of their seven places of business, so that orders can be filled promptly. Readers of this journal are invited to write to the nearest place of business of Cyphers Incubator Company and to ask for their latest eight-page circular, illustrating and describing the Cyphers colony hover, which circular will be mailed free and postpaid to our readers promptly on request. Kindly mention that you saw this announcement in The Industrious Hen. For complete addresses see advertisement on page 197.

The Tennessee Branch of the American Barred Plymouth Rock Club held its first meeting in Morristown, Tenn., December 17, 1914, in connection with the Hamblen County Poultry Association show, which was a big success in every way, there being over one hundred Barred Rocks in the class, and as good as could be found in any show ever pulled off. There were several members present when J. W. Gillem, State secretary, called the meeting to order. Mr. J. L. Marshall, of Sevierville, Tenn., was elected vice president for the coming year. There was also a committee of six appointed to get up specials for our next show: Mrs. H. C. Cole, Jefferson City; Mrs. Mary F. Skeen, Morristown; J. L. Marshall, Sevierville; John Pritchard, Lancaster; Banks Robertson, Hartsville; J. D. McDowell, Memphis. There were several good specials offered by members of the club and members of the Hamblen County Poultry Association, besides the State cup and ribbons offered by the club. The club members were treated with every courtesy that the Hamblen County Poultry Association could do and every member of the club went away satisfied and promised to show with the H. C. P. A. again at their next show. Judge Hamell, of

"Pritchett's" White Orpingtons

Are wonderful layers, correct type, pure white and as good as there is. All orders will receive prompt and careful attention. For mating list and further information, write

PRITCHETT POULTRY FARM**AUGUSTA****GEORGIA**

Atlanta, was the judge and he sure did put the ribbons where they belonged. Awards are: J. L. Marshall, Sevierville, second cock, second hen, second pullet, third cockerel, first pen, best display, \$10; L. L. Fisher, Morristown, first pullet, second pullet-bred cockerel; Mrs. A. S. Gorrell, third cock, third pullet, first cockerel-bred hen, first cockerel-bred pen, color ribbon for female; Mrs. Mary F. Skeen, Morristown, Tenn., first cock, second cockerel, third hen, second and fourth pen, color ribbon for male; J. W. Gillem, fourth cock, first and fourth hen, first and fourth cockerel, fourth pullet, third pen, \$25 club cup for best cock, hen, cockerel and pullet, two shape ribbons and three other specials; Clarence Young, Sweetwater, first and third pullet-bred cockerel.

Cookeville, Tenn.

J. W. GILLEM,
State Secretary.

First Hen, Tri-State Fair, 1914. Bred and owned by Carrington Jones, Box 145, Buntyn, Tenn.

Fair View Poultry Yards, Route 2, Cookeville, Tenn., made the following winnings at Morristown, Tenn., December 16-18, 1914, in

one of the hottest classes of any show in the State: Barred Rocks—Fourth cock, first and fourth hen, first and fourth cockerel, fourth pullet, third pen, American Barred Plymouth Rock Club cup for best cock, hen, cockerel and pullet, two shape ribbons, special for cockerel having best shank, eyes and beak, two other specials. Light Brahmas—First, second and third cock, first, second and third hens, first, second and third, pullets, first pen, \$5 cash for best pen in show of Brahmas. B. B. R. Game Bantams—First, second and third hens, first, second and third pullets, first, second and third cockerels, best display of Bantams. This winning shows that they have the quality and if interested look up their ad in this issue and write them.

FIRST PRIZE FOWLS

were all hatched from the eggs the MAGIC EGG TESTER selects as the best. That's profit

COZY NOOK ORPINGTONS**BUFF AND WHITE**

were big winners at the recent Chattanooga, Tenn., Lexington, Hopkinsville, Ky., and other shows. Large vigorous handsome cockerels, pullets, hens and eggs at reasonable prices. Address

DR. C. L. GRAY,

Box H

Lebanon, Tenn.

**MONEY-BACK
POULTRY PUNCH****The Original Good One**

Cuts clean, works quick and easy, and you can see what you are doing. Guaranteed satisfactory or money back. Plain finish 25c; nickel plated 35c. Mailed postpaid. Thousands in actual use.

T. W. ROGERS,

Box H,

Lamont, Ia.

EGGS! EGGS! EGGS!

S. C. White Leghorns, Lawsons Blue Ribbon egg machines are running full time, large white fertile eggs from the world's champion layers, \$6.00 per 100; eggs from Blue Ribbon winners, \$5.00 per 15; 300-egg machine yearling hens for sale, \$1.75 each. Fine egg type cockerels \$2.50 and up. Listen! The first order for 1,000 eggs after Feb. 1st, with \$50.00 to pay for same, I will give one pair fine breeders free; second order for 1,000 with \$50.00 check, will give a fine breeding cockerel free. Ask for Mating List.

WHITE HILL POULTRY FARM,**A. J. LAWSON, Prop.****Route No. 4****Cleveland, Tenn., U. S. A****LOCAL AGENTS WANTED**

Men and Women living in towns, villages and rural communities can use spare time profitably selling our Incubators, Brooders, Hovers, Foods, Insecticides, Metal Goods and Poultry Supplies.

Liberal Cash Discounts Allowed—No Capital Required. Some of our Local Agents make \$200 to \$350 in the **Three Spring Months** and devote only their spare time to the work. For full particulars, address our place of business nearest you.

CYPHERS INCUBATOR COMPANY, Factory and Home Office, Buffalo, N. Y.

Branch } New York, N. Y. Boston, Mass. Chicago, Ill. Kansas City, Mo. Dallas, Tex. Oakland, Cal.
Houses } 41 Barclay St. 12 Canal St. 329 Plymouth Ct. 317 Southwest Blvd. 318 N. Preston St. 2127 Broadway



This department is conducted by the J. A. Thornhill, New Decatur, Ala. If your birds are sick, write him; he will tell you through this department where your trouble lies. If you want a personal reply, send stamped envelope.

Cold and Canker.

Editor Industrious Hen,
Louisville, Ky.

Dear Sir: I have a one-year-old Rhode Island Red rooster that has a gurgling in the throat, has difficulty in crowing. He is healthy in every other way. Please give me a remedy. Respectfully,
Americus, Ga., Jan. 25.

ANSWER—Your bird is suffering from either canker or cold in the throat. Open the bird's mouth and by gentle pressure under the throat force the opening of the windpipe up into the mouth, and see if there is not a canker sore on the entrance of the windpipe. If you find this, remove same with some blunt instrument and apply burnt alum to the raw surface, until you affect a cure, or apply peroxide with swab made by placing cotton on the end of match or stick. Give the bird one grain tablets of quinine three times a day.

Worms.

Editor Industrious Hen,
Louisville, Ky.

Dear Sir: Will you please give me a remedy for worms which I have found in the intestines of some of my chickens. I would

like to have this answered in the next issue of the Hen. Yours truly,
Huntsville, Ala.

ANSWER—There are two kinds of worms. The round worm and the tapeworm, but the former is more common of the two. In dressing poultry you very often run on worms and they do not effect the health of a bird, unless they are present in large numbers. Give the bird one teaspoonful of the following: Mix four ounces of turpentine and four ounces of sweet oil together thoroughly. Follow this with a good laxative, such as castor oil.

Mating.

Editor Industrious Hen,
Louisville, Ky.

Dear Sir: In mating up breeding pens do you consider ten females too many to mate with one male for fertile eggs and good results? Please let me hear from you. Very truly yours,
Augusta, Ga.

ANSWER—It depends on what kind or variety of birds you want to mate. For large heavy birds, six or eight females is sufficient, but in the lighter breeds such as Leghorns, you can mate as many as twelve females to each male and get fertile eggs. Of course you

have to take into consideration the condition and health of your male bird as well as your females. Use nothing in your breeding pens that does not show strong vitality and vigor.

Colds.

J. Gaylord Blair,
Editor Industrious Hen,
Louisville, Ky.

Dear Sir: My birds seem to have a very bad trouble with their eyes and face. They are very badly swollen, and I can't account for this. I have a good warm house, and there are no drafts at all anywhere, and I can't account for the colds and swollen heads. Please give me some suggestion for this and a good cure for the colds. Thanking you for your kindness and hoping you will answer through the Industrious Hen, I remain, Very truly yours,
Olney, Ill.

ANSWER—Perhaps the reason your birds have contracted such bad colds is because they have insufficient ventilation in your poultry house, or that they are crowding on the roost. Never close your poultry house up entirely tight at night, not even in the coldest weather, for you will find that your birds will

Six
Hens
Bring
\$1300

The result of careful study and selection. Tom Quisenberry, who did such wonderful things as director of the Missouri State Poultry Experiment Station is now at the head of the only exclusive poultry correspondence school in the world.



Taught by Mail

The common sense way to make poultry dollars. \$1.00 starts you now. Money back if not satisfied when you are through. Write for FREE big book. It tells all the story.

The American School of Poultry Husbandry

Box N60 Mountain Grove, Mo.



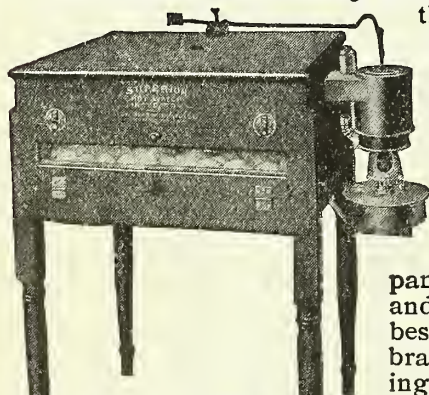
You Are Entitled To A Cyphers Built Incubator From \$10.00 Up

YOU may have seen our former 1915 announcement—three styles of Incubators this year, all our own design, built exclusively in our new factory, each fully guaranteed by the Cyphers Company—regardless of price.

To you who feel like starting with a low-priced machine, it means a *new degree of confidence*. The 18-year record of the Cyphers Incubator Company makes you know instinctively that *any hatcher* they build and sell is worthy of your confidence. The users of Cyphers Company products have demonstrated to *all* poultry raisers, at home and abroad, that a Cyphers Company price is always a low price for the value given. And that is more true now than ever, since the completion of our new factory and the doubling of our output.

Write For This 1915 Cyphers Book

"The Profits in Poultry Keeping"—200 pages! This book is rich in the knowledge and experience which gave this institution its leadership in the poultry world. It is filled with *positive proof* that incubators made by the Cyphers Company are the surest investment offered to poultry raisers. With this book we'll send you a special colored circular of our two new styles of incubators, showing them in different sizes. Take your choice—\$10.00 to \$38.00, according to style and size.



Made in Two Sizes
130-Egg SUPERIOR
Hot-Water Incubator.
Price Complete in
Every Detail, \$14.00

Superior Hot-Water Hatcher

Never before have you been able to get a hot-water incubator of the Cyphers Company standard of design, construction, regulation and ventilation. The water boiler and tank (tubular) are of heavy-weight copper. Lamp has seamless bowl; burner is best on market. Incubator case *is of wood*, attractively finished in golden brown, with brass trimmings (hinges, buttons, etc.), and has *double walls*, with heat and cold-resisting insulation. Are equipped with Standard Cyphers zinc and steel toggle-joint thermostat and knife-edge regulator. Have *forced water circulation* and are automatic in ventilation. Have roomy chick nurseries under egg trays. Are built in two sizes: 65 eggs, price complete, \$10.00; 130 eggs (see illustration herewith), price complete, \$14.00. Fully guaranteed.

be healthier and free from all disease if you have plenty of fresh air in the poultry house both night and day. The best thing for a severe cold is to give one grain quinine pills three times a day until they are well.

Feeding Green Bone.

Editor Industrious Hen,
Louisville, Ky.

My Dear Sir: Will you please inform me through the columns of Industrious Hen how much green bone should be fed to a flock of one hundred birds each week. I have been feeding green bone to them for something like three weeks, and since I began they have increased their egg production nearly double. Thanking you for your attention to this, I am Very truly yours,
W. H. B.
Cloverport, Ky.

ANSWER—The best way to feed green bone is to give each bird about three-quarters to one ounce each day. This quantity, I believe, will give you the best results. Never feed any that is at all stale or spoiled. Only fresh-cut bone should be fed them. Where too much is fed it will cause bowel trouble.

Hens Don't Lay.

Editor Industrious Hen,
Louisville, Ky.

Dear Sir: Please tell me what is the trouble with my hens. They are not laying. I feed them plenty of oyster shells, grit, wheat bran, beef scraps, corn and colored leaves. I swing the leaves about three feet above the ground and make them jump to them. The corn I feed in an automatic feeder and exerciser. Find enclosed stamp for reply. Yours truly,
J. M. F.

ANSWER—It seems to me that your birds should be laying much better than they are, for you seem to be giving them a good ration. But did you ever stop to think that a hen should be bred to lay just the same as a race horse is bred to make a certain record? Perhaps, if you will add one ounce of green bone to the ration daily for each bird, you will get better results.

Canker and Chickenpox.

Editor Industrious Hen,
Louisville, Ky.

Dear Sir: I have some Barred Rocks, Rhode Island Reds and Brown Leghorn chickens that are afflicted with a sneezing, while running about, and also while eating. After a few days of this sneezing their eyes become sore and finally they lose their eyesight. At first the eye becomes swollen, then the eyelids turn white and close. When I open the eye and find them to be covered with a milky film and the eye-ball in some cases red. They scratch their eyes as though they were itching. These fowls have free range in a town lot of about an acre. Some have been roosting in trees. Please tell me if there is any remedy for this, and what. Thanking you in advance, Yours truly,
S. M.

ANSWER—It seems to me that your birds have both canker and chickenpox combined, and there is nothing to do in such cases, only kill them at once and cremate them. Bathe the face and wash the eyes and mouth with a fifty per cent solution of Zenoleum and water. Give one grain tablet of quinine three times a day to all birds. This will also be found very beneficial.



All steel, nickel plated, punches clean, hole is right size, will not bruise the foot. Price 25c by mail or at your dealer.

J. O. PETTEY, Box 54 Belvidere, Ill.

Don't Feed Green Food!

Do away with the bother by using
Succulenta Tablets

They are better and cheaper and more relished by all fowl. Simply dissolve one tablet in one quart drinking water for fowl. Sample can (100 large tablets) by mail 50c. Can of 250 large tablets by mail \$1.00. **YOUR MONEY BACK IF NOT SATISFIED.** Drop postal for particulars to The Succulenta Co., P. O. Box 405-25 Newark, N. J.

THE PAGE FARM

Breeders of Snow Bank S. C. White Orpingtons. Pure Owen Farms Strain shipped on approval. Single birds \$2.50 trios; \$7.00. Eggs guaranteed to hatch, 15 eggs for \$1.50. Also Registered Duroc Jersey Hogs and fully Pedigreed Scotch Collie Dogs, at prices farmers can pay.

THE PAGE FARM, - - - EDDYVILLE, KENTUCKY

:- OAK GROVE EGG FARM—S. C. WHITE LEGHORNS :-

Our Blue Ribbon exhibition matings at \$5.00 per 15; \$9.00 per 30, and \$25.00 per 100 eggs.

Our Pedigree utility matings at \$2.00 per 15; \$3.75 per 30, and \$10.00 per 100 eggs.

Our Exhibition Strain just made a clean sweep at the Kentucky State Poultry Show, Lexington, Ky., Jan. 4-9. We won every first and second prize, every special and silver cup for best female in entire show.

Our Pedigree Utility Strain has won two International Egg Contests (great winter layers).

Our advice to the buying public is buy where your money does the most good.

J. T. MILLIGAN & SON

STITHTON, KY.

Your Choice Of Style— Cyphers Certainty Of Results

THOUGH you now pay less for some of the Cyphers Company built Incubators than for others, you will understand that it is because we manufacture more economically and have a world-wide market. There is not—and never will be—any such thing as a mere makeshift incubator made by the Cyphers Company. Choose any Cyphers Company hatching machine with a **certainty** of the largest results for money invested.

Columbia Incubator

The Highest Grade Low-Priced Incubator It Has Been Possible to Produce

We built this efficient hatcher for the many who wish to start safely with **smallest possible outlay**. By all ordinary standards this Cyphers Columbia would take **first place** among hatchers. Is equipped with famous Standard Cyphers toggle-joint thermostat and same regulating system as our **highest priced** machines. Substantial wooden case. Attractive dark Flemish green finish, brass trimmings, **double walls** with heat and cold-resisting insulation. Forced draft heating system, fume-proof by test, non-rusting double-seamed galvanized iron, insulated with asbestos. No solder to melt and allow leakage. Seamless bottom lamp bowl. Highest grade burner. Heat diffused **evenly** with fresh air through positive, **automatic** ventilation. Strong egg trays. Roomy **chick nursery** under trays. All in all, a quality of machine unapproached within its range of price. Two sizes: 140 eggs, complete, \$15.00; 250 eggs (as illustrated), complete, \$19.00. Fully Guaranteed.

Standard Cyphers Incubators

All that scientific and **practical progress** has been able to accomplish in incubator building is yours in these—"The Standard Hatchers of the World." In the history of the **real poultry successes** for the past 18 years you read the history of Cyphers Standard Incubators. Given fertile eggs and ordinary care, these machines recognize no obstacles of climate, weather or trying conditions generally. In **every land** they are making money for their owners, with least trouble and **surest** profits. Considering their construction, the results obtained, the years of service, their value **still remains unequalled**, as stated by tens of thousands of owners. Four sizes and prices: 70 eggs, complete, \$15.00; 144 eggs, complete, \$22.00; 244 eggs, complete, \$32.00; 390 eggs, complete, \$38.00. Satisfaction or your money back.

All prices in this advertisement apply east of the Rocky mountains, north of Texas and south of Canadian line. In high freight territory slightly higher prices. Before you decide on **any incubator at any price**, let us mail you, free, postage paid, a copy of our 1915 year book, just off the presses. More instructive, interesting, helpful and convincing than ever. Get a **sure start** on very little money. Address our branch nearest you.

CYPHERS INCUBATOR COMPANY, Department 13

Home Offices and Factory, Buffalo, New York

BRANCH STORES AND WAREHOUSES: New York, N. Y., 41 Barclay St.; Boston, Mass., 12-14 Canal St.; Chicago, Ill., 329-331 Plymouth Ct.; Kansas City, Mo., 317-319 Southwest Blvd.; Dallas, Tex., 316 N. Preston St.; Oakland, Cal., 2127 Broadway; London, Eng., 121 Finsbury Pav.



Made in Four Sizes
390 Egg Standard Cyphers
Incubator. Price, Complete in
All Details, \$38.00.



TURKEY & WATER FOWL

DEPARTMENT

This department is conducted by J. C. Clipp, Saltillo, Ind., and any questions that you wish to ask will be answered through this department, if addressed to Mr. Clipp at Saltillo, Ind. If a personal reply is wanted, enclose a stamped envelope.

Good Time to Start With the Turkeys.

If the turkey business was a failure with you this year don't get discouraged and quit. Instead, use your better judgment and try again. If you have never raised turkeys now is a good time to begin.

Turkeys are difficult to raise, as we know by long experience, but with good care and the right kind of feed we have managed to raise a good percentage of those hatched.

Just now we are having some trouble with ours because of our inability to keep them out of a neighbor's rye field. Several have died, two more are sick. The rye causes a bowel trouble which is not unlike cholera.

After we discovered the cause of the trouble we tried keeping the well turkeys in a yard. This was not a success. They began to droop and refused to eat; just as we expected, for a turkey cannot endure confinement.

The sick ones were given a little epsom salts in their feed and two re-

covered. We tried several different remedies, but none of the others seemed to take any effect.

We do not consider rye suitable food for any kind of poultry, young or old. Green rye (not the grain) is as good for all kinds of fowls as grass, and if grown early in the fall will furnish green food for the poultry all winter. This is its only redeeming point.

Now is the time to buy the stock for next year. It is better to purchase turkeys, even at the present unheard of prices, than to wait until next spring and depend upon eggs.

Shipped eggs seldom hatch as well as fresh ones, and turkey eggs cost anywhere from 25 cents to \$1 each.

The Mammoth Bronze is a very large and beautiful bird of the color the name implies. We have raised the Bronze for a number of years and find this breed possesses more good points than any one of the others we have known of.

The Bronze is more vigorous and therefore less difficult to raise than the White Holland or Narragansett. The latter is about as large in appearance as the Bronze, but is somewhat lighter in weight.

The White Holland and Bourbon are becoming more popular than formerly, on account of their domestic habits. They are rather small in size and quite tame in habit, preferring to stay close at home.

When buying breeding stock it is best to secure the male bird from one breeder and the females from another, so that the birds will not be

TO HATCH EVERY EGG

Use the MAGIC EGG TESTER to pick them out before incubation. All dealers sell it.

S. C. MOTTLED ANCONAS

Will have a few settings of eggs to sell through the month of March only from our first prize winners of 1914 at \$2.00 per 15. Write us.

HULIN & DICKSON,

Lenoir City, Tenn.



I have a fine lot of White Plymouth Rock cockerels for sale at \$2 to \$5 each. Eggs for hatching from fine matings at \$3 for 15 eggs; \$5 for 30 eggs. Satisfaction guaranteed in all respects. My birds are nice, and if any person becomes dissatisfied after receiving them I will make it good.

P. A. GEORGE,

HOHENWALD, - - TENN.

INDOOR Brooding

It Is Entirely Safe to Order a Sample from This Advertisement



ARE YOU LOOKING for *the* low-cost, convenient, practical way to brood little chicks indoors? Here's *just* the article you have been seeking—the **Cyphers Portable Hover**—an all-metal, self-regulating, self-ventilating, **complete brooding device**, automatic in action, economical to operate. With proper care will last many years. **All this we guarantee.** Uses the floor of room for floor of brooding space. Does not need a brooder case or box enclosure. Chicks are on level of room floor all the time. No steps or inclines for chicks to run up and down. Can be operated in *any room* or place indoors where it is safe to raise chicks or ducklings. Please read the recent sample reports herewith and send without delay for our **free** 1915 "When, Where and How" blanket circular, as described below.

CYPHERS Portable Hover

Recent Reports from Customers:

"USING SIX—WILL PURCHASE MORE"

Ben Carlisle, Waverly Hall, Ga., August 10, 1914, writes: "I find it *easy to maintain the required heat* for the tender little chicks without the use of expensive buildings. The ventilation provided is *simply perfect*, free from foul odors. Even after having been neglected for several days I found my Portable Hovers fresher than some others of another make used only one night. Am using *six* of the Portable Hovers this season and will purchase more next year. They have given absolutely satisfactory service and I most heartily recommend them."

"SUCCESS DUE TO CYPHERS HELP"

R. P. Guptill, Elcho, Wis., June 27, 1914, writes: "Of the thousands of day-old chicks shipped by me, from Maryland to Colorado, only two were reported as dying on way. I consider one of the greatest aids to my success to be Cyphers Poultry Appliances. Your Portable Hover fills a long-felt want with me, enabling me to move chicks from the main brooder house to colony houses in time to *keep them growing all the time*. The Portable Hover is *just what is needed for the purpose*."

Cyphers Portable Hover

Set it down anywhere indoors and you will have a safe and comfortable place for the little chicks. "Movable" at a moment's notice without even turning down the lamp flame. Weighs 35 lbs. in use. Price, complete, safely boxed, \$8.50; free on cars at all our places of business, except Oakland, Dallas and London. Oakland, f.o.b. price \$9.50; Dallas, f.o.b. price, \$9.00. Weighs 40 lbs. by express.

Write for this big circular today Send at once—before you turn another page—for our 1915 illustrated large free circular (4 pages, 11x18 inches) that explains *fully* when, where and how to use this type of brooding hover for best results. Gives detailed reports from these same customers and *numerous others*

who own and are using Cyphers self-regulating, self-ventilating Portable Hovers with **uniform success**. Write to home office, Buffalo, N. Y., or to our Branch Store nearest you—see opposite page.

Be sure to send all orders to our place of business nearest you, thus saving valuable time, also money on freight or express charges.

akin. Turkeys selected at random from a dealer's flock may or may not be related, but it is not safe to take chances. Inbreeding is disastrous with turkeys. Do not keep more than six hens with a gobbler, unless he is an old one.

We find that two-year-old hens with a yearling tom produce finer turkeys than young hens. Never keep young hens with an old male bird. If the hens and gobblers are both young the eggs will seldom hatch well, and the poults are less vigorous than if one or the other is more mature.

Turkeys should not be crossed.—Anna Galigher.

Big Turkey Record for One County.

The county of Rockingham, Va., contributed something over 13,000 turkeys to the recent Christmas trade, and these, together with nearly that many sold just before the Thanksgiving holiday, make a total of about \$50,000 worth of turkeys supplied by that county within a month.

The Turkeys in Winter.

The turkeys receive shameful treatment on some farms. They can be taught to roost inside, but it is seldom that a warmer place is afforded than the tree limb, the birds seeking to protect themselves as much as possible by roosting in trees that serve partially as wind-breaks. Their feet sometimes become frozen to the limbs, and many cases of lameness of turkeys may be traced to the exposure during severe weather.

Geese thrive on the same food as that given other poultry. Grass is their natural diet, but during the winter when grass is a scarce article, they do wonderfully well on a mash in which bran and meat scrap are well represented, with whole grains—corn, wheat and oats—at night. A pair of geese will produce an average of a dozen goslings each year, and these find ready sale around the holidays.

The Regal White Wyandotte Book.

We are in receipt of a copy of John S. Martin's Regal White Wyandotte book of Port Dover, Ontario, Canada. It is an attractive catalogue and should be in the hands of every White Wyandotte breeder in the country. It shows pictures of his noted winners at some of the largest shows in the country, also views of his yards, houses, etc. We want every reader of The Industrious Hen who is interested in this breed to write for a copy at once. All you have to do is to say you saw his advertisement in the Hen and a copy will come to you by return mail.

Aldrich White Orpingtons.

Don't fail to get your copy of the Aldrich White Orpington book, which is just off the press. It shows their birds in their natural colors and also views of their plant and will give you an idea of the plant where thousands of good ones are produced every year and win highest honors at our largest shows all over the country. Look up their advertisement in this issue, and write them for a copy of this attractive book, also prices for stock and eggs, and be sure to mention you saw their advertisement in the Hen.

"WILL BUY NEXT YEAR."

This is what you said last year, now make good by getting a MAGIC EGG TESTER.

STANDARD TYPEWRITERS ALL MAKES

\$15.00 to \$50.00, guaranteed THREE years, FREE trial. Our typewriters for the Farm Home and Rural Business Man. A proposition to get your machine for nothing. Address Desk 21, The Elwood M. Pusey Company, Manufacturers' Representatives, East Liverpool, Ohio, U. S. A.



Barred Plymouth Rocks

BUY your eggs from us. No matter what you pay, no one can furnish you better quality than we can. We are specialists in Barred Rocks, have bred them in large numbers for 24 years and can give you selection no small breeder possibly can. Our quality is wonderful, yet our prices are the lowest of any of the big breeders.

Eggs \$3.00 per 15

Winners at Chicago, Indianapolis, Memphis, Louisville, Nashville, Knoxville

If you are interested in fine Barred Plymouth Rocks, write us, and we will send you the handsomest and most complete catalogue published of this breed. You will make a great mistake if you place order before getting our prices and catalogue No. 7. **POPE & POPE, Box H, Louisville, Kentucky**

OUTDOOR Brooding

WHEN SPRING COMES and the ground gets dry, get the little chicks outdoors—in the fresh air—into grass runs. **It pays!** You can easily make your own outdoor brooder by securing a piano box, an organ case or a large goods box and attaching thereto a **Cyphers Adaptable Brooding Hover**—a self-regulating, self-ventilating, all-metal, fire-proof, insurable hover. Guaranteed to be safe from fire. Practical, and will last a lifetime with reasonable care. **Tens of thousands** of these standard hovers are in **successful use** in all parts of the world. Please send today for our latest 1915 **free** blanket circular (four pages, 11x18 inches in size) entitled "When, Where and How to Use Cyphers Adaptable Brooding Hovers to Best Advantage"—mailed free, postage paid, to any address on request.



Cyphers Adaptable Hover

Fire-proof, wind-proof, insurable, self-regulating and automatic in ventilation. Best device in world's markets for use in home-made brooder cases, colony coops, roosting coops and portable houses. Price, complete, safely boxed for shipment, \$8.50 free on board cars at all our places of business, except Oakland, Dallas and London. Oakland f.o.b. price, \$9.50. Dallas f.o.b. price, \$9.00. Send order to place of business nearest you, thus saving time, also money on freight or express charges.

It is entirely safe to order from this advertisement.

Cyphers Incubator Co., Dept. 13, Factory and Home Office Buffalo, N.Y.

Branch Stores and Warehouses: NEW YORK, N.Y. 41 Barclay Street; BOSTON, MASS. 12-14 Canal Street; CHICAGO, ILL. 329-331 Plymouth Court; LONDON, ENGLAND 121-123 Finsbury Pavement; KANSAS CITY, MO. 317-319 Southwest Boulevard; DALLAS, TEXAS 316-318 N. Preston St.; OAKLAND, CAL. 2127 Broadway

CYPHERS Adaptable Hover

Read These Reports from Customers:

"EXTREMELY COLD WEATHER AND HARD WINDS"

N. B. Lints, Frankfort, N. Y., June 29, 1914, writes: "Out of 100 chicks placed under the Cyphers Hover early in March I lost only three chicks in three weeks, although we had some extremely cold weather and hard winds. I find that by using the Adaptable Hover the fumes and smoke of the lamp are kept out of the brooding chamber, which keeps the chicks more healthy."

"REGULATOR TAKES CARE OF TEMPERATURE"

E. L. Bunker, Box 11, Short Falls, N. H., July 6, 1914, writes: "During the past season we have brooded over 600 little chicks with Cyphers Adaptable Hovers. Your Hovers are certainly all that is claimed for them—fire-proof, self-regulating and self-ventilating. I am much pleased with them."

Send me immediately your latest big 1915 blanket circular. When, Where and How to use Cyphers Adaptable Hovers. Just on money order to you. IT IS SAFE!
Name.....
St. or R.R. No.....
City.....
State.....
CYPHERS INCUBATOR CO., Department 13
big 1915 blanket circular. (Or why not send your order with this coupon—sign name and address below—and mail.)

HOW I FEED IN WINTER FOR FERTILE EGGS IN SPRING.

(Mrs. Tom H. Hayden.)

Perhaps every poultryman, no matter how long he may have been in the business or how much he or she may know about the hatching and raising, has at one time or another experienced a poor season, and are unable to tell the reason. I have been a breeder for twelve years and some years would have a very poor season, that is, I would have a large num-

all winter, and instead of having overfat hens and pullets when I mated up my pens in the spring, I had my stock in good condition, none of them being overfat. After they were mated I continued to make them work for their living, feeding only a limited amount of grain and that buried in the ground to the depth of six to eight inches. The birds would follow me, thinking they had not been fed, but in a short time they would begin digging in the fresh dirt; after they found one grain they would continue

in this way until time to go to roost. This afforded exercise they would not have if I had put the grain on the ground. In addition to this I feed them green cut bone twice or three times a day during the breeding season, also sprouted oats every day.

Instead of moping around, my birds were always hungry and ready to eat at meal time. From these results I have come to the conclusion that in order to obtain fertile eggs and have good hatches it is absolutely necessary to breed from none but strong, vigorous stock, avoiding getting them too fat during the winter months and keep them active during the breeding season.

I believe that many of the poor hatches and dead chicks afterward is due to poor vitality, the result of too closely inbreeding. When some of these suggestions are followed there is no reason why there should be any complaint regarding infertile eggs and poor hatches.

Owensboro, Ky.

We want you to tell your friends and neighbors of The Industrious Hen. Get them to subscribe. We will pay you for your time and trouble. Either cash or premiums.

TO HATCH EVERY EGG

Use the MAGIC EGG TESTER to pick them out before incubation. All dealers sell it.



First Prize Hen at the Kentucky State Poultry Show, Lexington, Ky., January 4-9, 1915. Champion Hen of entire Show and awarded the Zenoleum Silver Cup. This hen was also the whitest fowl on exhibition. Bred and owned by Oak Grove Egg Farm, J. T. Milligan & Son, Stithton, Ky.

ber of infertile eggs, chicks would die in shell and many die after hatching on account of poor vitality. But I will state before going further that I have had exceptionally good luck this year, fertility running high and eggs hatched well. I think this due to the way I fed last winter for spring breeders. In the first place I decided to use nothing but strong, vigorous male birds while selecting my birds for breeding purposes last fall. During the winter months I used a system of feeding that I think had more to do with the results in the spring than anything else.

All the grain they had to eat was scattered in litter from four to six inches deep, so the birds were obliged to work for it. This method required them to keep knocking and scratching about all day. At night I fed very sparingly of parched corn, as too much corn will give an oversupply of fat. I give plenty of grit, charcoal and fresh water and a warm mash once a day. I got eggs, lots of them,

PRIZE WINNING WHITE WYANDOTTES

Eggs from best pen \$2.00 per fifteen, a few nice Cockerels at bargain price, from high grade, prize winning stock, satisfaction guaranteed.

MT. FAIRVIEW POULTRY YARDS

O. M. VERMILLION,

PERSIA, TENN.



ILLUSTRATE YOUR ADVERTISING

with an attractive cut of some of your prize winning birds. It will mean better publicity, more sales and greater results from your advertising. Get in touch with our Artist, W. J. Smith, and let him figure with you. Try using an attractive cut in your advertisement next month and see the difference.

AND

Remember **STEADY** Advertising

PAYS

A BIG DIVIDEND

Just say you saw it in The Industrious Hen.

"Don't Worry—

Conkey's ROUP REMEDY

Don't let Roup eat your profits—drive it out and keep it out of your flock by giving Conkey's Roup Remedy in the water every day; 25c; 50c and \$1 pkgs. If you want winter eggs—get Conkey's Poultry Tonic—no filler—just good tonics. Get a Pail or Package. Send 4 cents in stamps for Conkey's Poultry Book—worth dollars to any poultryman.

THE G. E. CONKEY CO.

No. 1011 Conkey Bldg., Cleveland, O.

THE KENTUCKY STATE POULTRY SHOW.

The exhibits of the State Poultry Show, held at Lexington, Ky., during Farmers' Week, were of unusually high class, and each class was well filled with good numbers of excellent representatives. Theodore Whitman, of Pennsylvania State College, placed the awards, as follows:

Single Comb Brown Leghorns—Mrs. John R. Gibson, Richmond, Ky., cock 1, hen 1 and 2, cockerel 1 and 2, pullet 1 and 2, pen 1 and 2, and all specials.

S. C. White Leghorns—J. T. Milligan, Stith-ton, Ky., cock 1, hen 1, 2 and 5, cockerel 1 and 2, pullet 1, 2 and 3, pen 1. W. E. Gabhart, Bohon, Ky., cock 2, hen 3 and 4, cockerel 3 and 4. Dr. W. Barrow, Lexington, Ky., cockerel 5.

White Faced Black Spanish—Ira Johnson, Lebanon, Tenn., hen 1.

Pit Games—J. Hal Woodford, Paris, Ky., cock 1, hen 1 and 2, cockerel 2 and 3, pullet 2 and 4. Robert K. Pence, Lexington, Ky., hen 3 and 4, cockerel 1 and 4, pullet 1 and 3, pen 1.

White Wyandottes—J. S. Steers, Dry Ridge, Ky., cock 2, 3, 4 and 5, hen 2, cockerel 1, pullet 1, 3 and 4, pen 1. Z. Fletcher & Son, Franklin, Ohio, cock 1, hen 1, pullet 3, pen 2.

Light Brahmas—Harris Lehman, Midway, Ky., cock 1, 2 and 3, hen 1, 2 and 3, cockerel 1, 2, 3, 4 and 5, pullets 1, 2, 3, 4 and 5, pen 1.

White Plymouth Rocks—Cock, no entries. W. B. Jenkins, Glendale, Ky., hen 1 and 3, cockerel 1, 2 and 3, pullet 1 and 2, pen 1 and 2. Clayton Thompson, Georgetown, Ky., hen 2, pullet 3. Mrs. Willard Shaffer, hen 4 and 5, cockerel 4 and 5, pullet 4 and 5.

Barred Plymouth Rocks—John S. Steers, Dry Ridge, Ky., cock 2, 3, 4 and 5, hen 1, 2, 3 and 4, cockerel 4, pullet 1, 2, 3 and 4, pen 1, 3 and 4. Leslie V. Jacobs, Lexington, Ky., cockerel 2 and 3. O. G. Klosse, Georgetown,

Ky., cockerel 3, pullet 3. S. M. Harbison, Danville, Ky., cockerel 4, pullet 5.

Single Comb Buff Leghorns—John O. Reid, Stanford, Ky., hen 1, pullet 1 and 2.

Single Comb Black Minorcas—Phil McCray, Hardinsburg, Ky., cock 1, hen 2 and 3, pullet 1. Walter Q. Park, hen 1 and 4.

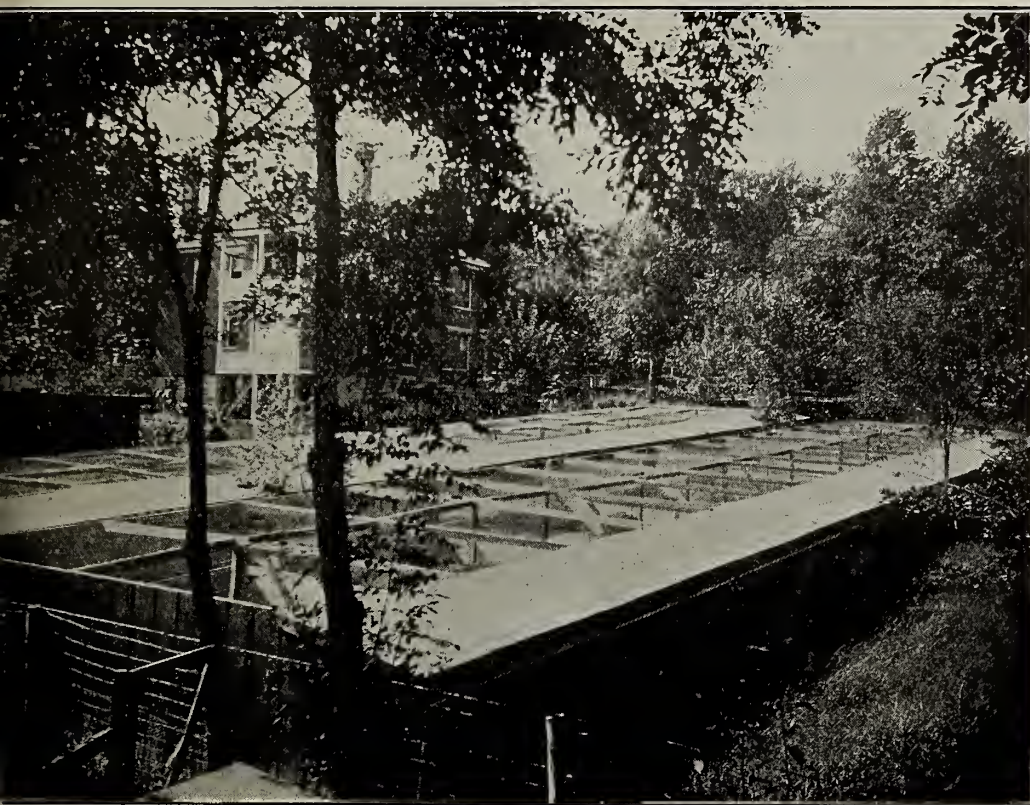
Wild Canadian Goose—Wm. Jenkins, Lexington, Ky., 1.

A Minorca Show Record.

R. H. Anderson, Lynchburg, Va., has made a phenomenal winning this season with his famous S. C. Black Minorcas. He has exhibited at seven of the largest shows, viz: New York Palace, Philadelphia, Hagerstown, Memphis, Augusta, Charlotte and Norfolk; in seven different States and under seven different judges and has won eleven first prizes, eight seconds, eight thirds, four fourths and two fifths, in addition to numerous cups and specials.

The winning that perhaps Mr. Anderson is the most proud of is that of first hen and second pullet on two entries at the great New York Palace Show, December 1 to 5. Look up his ad in this issue and if in need of choice stock or eggs write to him, mentioning this paper.

All readers of this paper who are interested in the purchase of fencing of any kind would do well to write the Interlocking Fence Co., Morton, Ill., for their catalogue. They offer a very complete and practical line at interesting prices. A postal will bring their catalogue. See their ad elsewhere in this issue.



The above picture shows the Aviaries on the plant of Chiles & Co., Mt. Sterling, Ky.

Single Comb Rhode Island Reds—Mrs. Fred Reiss, Anchorage, Ky., cock 1. B. D. Parker, Sanders, Ky., cock 4 and 5, hen 1 and 2, cockerel 3, pullet 2 and 5, pen 3. Yu-Will Poultry Yards, Dayton, Ky., hen 4, hen 1. Chiles & Co., Mt. Sterling, Ky., cock 3, hen 3, cockerel 2, pen 2.

Single Comb Rhode Island Reds—John S. Steers, Dry Ridge, Ky., cock 2, hen 5, cockerel 1, 4 and 5, pullet 1, 3 and 4. Harris Lehman, Midway, Ky., pen 5.

Single Comb White Orpingtons—Mrs. Walter Kenney, Paris, Ky., cock 1 and 3, hen 1 and 4, cockerel 3 and 5, pullet 1, 2 and 3, pen 2. Ridge Spring Poultry Farm, Rineyville, Ky., cock 5, cockerel 1 and 2, pullet 4 and 5, pen 1 and 3. Ed. Taylor, Jr., Lexington, Ky., hen 3. John S. Steers, Dry Ridge, Ky., cock, hen 2, cockerel 4, pullet, pen 4. Dr. C. L. Gray, Lebanon, Tenn., cock 2, hen 5, cockerel, pullet, pen 5.

Rose Comb Rhode Island Reds—D. T. Smith, Louisville, Ky., hen 1, pullet 1, pen 1.

Partridge Wyandottes—Wm. C. Jenkins, Lexington, Ky., cock 1 and 2, hen 1 and 2, cockerel 1, pullet 1.

Silver Wyandottes—Chas. E. Rutherford, Nicholasville, Ky., hen 1. Chas. Simpson, Franklin, Ohio, pen 1.

Single Comb Blue Andalusians—John O. Reid, Stanford, Ky., cock 1, cockerel 1, pullet 1.

Mammoth Pekin Ducks—Mrs. Fred Reise, Anchorage, Ky., old drake 1, old duck 1, young duck.

Bronze Turkeys—Mrs. Jas. D. Cox, Lawrenceburg, Ky., old tom 1, old hen 2 and 3, young tom 1, young hen 1. J. Miller Ward, Paris, Ky., old tom 2, old hen 1, young tom 2, young hen 2. Mrs. Walter Kenney, Paris, Ky., young tom 2, 3 and 4.

Buff Turkeys—J. R. Saunders, Shelbyville, Ky., old tom 1, old hen 1, young tom 1, young hen 1.

Lakenvelders—John O. Reid, Stanford, Ky., cock 1, hen 1, cockerel 1, pullet 1.

Ky., cock 1, hen 5, cockerel 1 and 5, pullet 5, pen 2. Specials, John S. Steers, Dry Ridge, Ky., cock 1, 2 and 3, hen 1 and 2, cockerel 1, 2, 3, 4 and 5, pullet 1, 2, 3 and 4. O. G. Klosse, Georgetown, Ky., hen 3, pullet 5.

Single Comb Buff Orpingtons—Roger V. Harp, Lexington, Ky., cock 3, hen 3 and 4, cockerel, pullet 2 and 4, pen. Dr. C. L. Gray, Lebanon, Tenn., cock 1, hen 2, cockerel 2, pullet, pen 1. Grainger & O'Brien, Jeffersonville, Ind., cock 2, hen 5, cockerel 1 and 5, pullet, pen. Ira Johnson, Lebanon, Tenn., cock 4, hen 1. E. A. Cheek, Campbellsville,

SANDY RUN POULTRY YARDS, ELLENBORO, N. C.

Breeder of the finest strains Partridge White and Columbian Wyandottes, Black Minorcas and Brown Leghorns. We win at all the leading shows. At Charlotte, Shelby, Statesville and Raleigh this season. We won nearly every prize entered for at Charlotte, won silver cup for the best pen in the shown on a pen of White Wyandottes with nearly 50 pens from the best breeders of the country competing. At Statesville won cup for the best male in the show on a White Wyandotte cockerel. The next week won at Raleigh cup and gold medal for the best bird in the whole show, this won on a White Wyandotte, and a different bird from the winner at Statesville. This stamps our birds the best in the country. A nice lot of stock yet for sale. Eggs, \$3.00 and \$5.00 per fifteen.

SANDY RUN POULTRY YARDS, - - - ELLENBORO, N. C.



First at Chicago

SEND FOR THIS BOOK

Raise Poultry for Profit

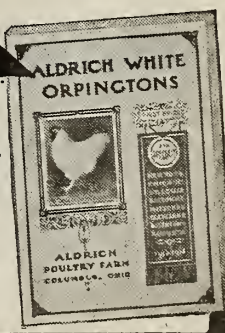
You can make money raising chickens if you start right—with stock or eggs from the Quality Strain of the most Popular and Profitable fowls in the world:

ALDRICH WHITE ORPINGTONS

They are the greatest winners, mature quickly, making broiler size in eight weeks, and add to these useful qualities their hardiness, beauty and gentleness and you have the ideal chicken.

Send for our beautiful 60-page catalogue and mating list with color plates, prices and much information in regard to this breed.

Aldrich Poultry Farm, 7064 N. High St., Columbus, O.



Just say you saw it in The Industrious Hen.

Express Prepaid.
FREE catalogue and hints on spraying.
THE COMET
sell on sight. Sprays from bucket or barrel 50 feet. Double acting. You want it for your Poultry house, vines, and plants. All brass are best. We want agents. Write today.
H. B. RUSLER MFG. CO., Johnstown Ohio

S. C. Black Minorcas

Best in the South. Can please you in stock or eggs for \$2.00 per fifteen, \$5.00 per 45. Pens headed with blue ribbon Cocks.

N. E. KING, I. C. R. R. Conductor. Box 158, Durant, Miss.

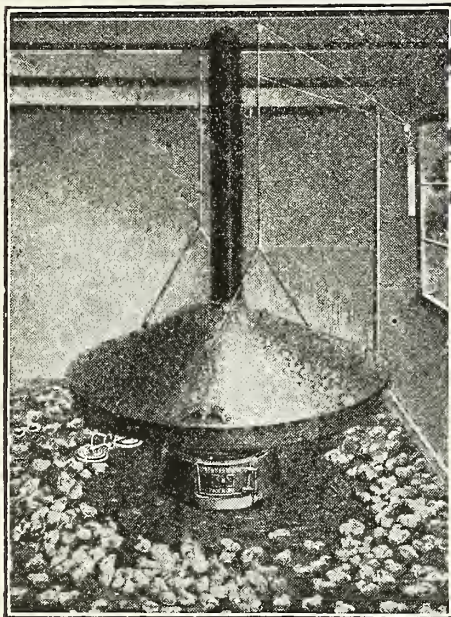
POULTRY OPPORTUNITY

KNOB VIEW POULTRY FARM

The entire stock of S. C. Black Minorcas for sale, either as a whole or single birds. This offers unusual advantages to any one desiring to raise chickens. **ALL BIRDS OF THOROUGHbred PRIZE WINNING STOCK. EASY TERMS.**

1201 Culbertson Ave. New Albany, Ind.

CYPHERS COMPANY COAL-BURNING COLONY BROODING HOVER



Cyphers Colony Hover In Use At Night.
Four Sizes; Capacities 300 to 1,500 Chicks.

THIS COAL-BURNING, mechanically-perfect, safe-from-fire, widely successful Colony or "Mammoth" Brooding Hover has been in practical use *three seasons* and in the hands of hundreds of purchasers *is giving the best of satisfaction*. Latest eight-page circular contains numerous reports *to this effect* and others (perhaps from your neighbors) will be furnished *promptly on request*.

CYPHERS COLONY HOVERS are made in four sizes, ranging in capacity from 300-600 chicks up to 1,200-1,500 chicks. They retail as low as \$19.00-\$21.00 each f. o. b. *our seven places of business* in the United States. Write today for eight-page circular which illustrates and fully describes this latest addition to the Cyphers Company's "Guaranteed Line" of down-to-date poultry equipment. Sold both with and without automatic regulators.

NOTE PICTURE HEREWITH showing Cyphers Colony Small-size Hover in use brooding 400 chicks in poultry coop (any well-lighted room will do) about 10 x 10 feet in size. Room 8 x 10, or 8 x 12, or 10 x 12, or *any other small or moderate size* will answer just as well, like a well-built hen house or large colony coop, as examples.

THIS HOVER COMBINES THE BEST that twenty years of poultry experience, coupled with more than fifty years of stove-building experience *have accomplished to date*. Viewed from the stove makers standpoint, it is a masterpiece; put into practical use by the poultry grower it is guaranteed to be correct in principle, durable in construction, convenient to operate and *highly successful* when operated according to the few and simple directions.

WRITE TODAY TO OUR PLACE OF BUSINESS NEAREST YOU for eight-page descriptive circular and prices. We now have these Colony Hovers *in stock at all points*, ready for immediate delivery—an important point for you to *make sure about* at this time of year.

Cyphers Incubator Company Dept. 13

Factory and Home Offices: **Buffalo, N. Y.**

BRANCH STORES AND
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NEW YORK, N. Y.
41 Barclay St.

BOSTON, MASS.
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329-331 Plymouth Court

KANSAS CITY, MO.
317-319 Southwest Blvd.

DALLAS, TEX.
316-318 N. Preston St.

OAKLAND, CAL.
2127-2131 Broadway

THE CARE OF BABY CHICKS.

Valuable Suggestions Regarding
Care, Feeding and
Breeding.

IN SPITE of all that is said and written in regard to the care of little chicks, many people still follow the old methods in their care and feeding and regard it as a matter of course that only a small percentage of the chicks hatched on a farm will come to maturity. Men who make poultry raising a business are, as a rule, greatly in advance of the farmers along this line, because they count the cost of everything.

It is an extravagance in a money way to hatch chickens to die by neglect and ignorance, to say nothing of the cruelty and waste of life.

Many farmers' wives count themselves successful poultry raisers if they rear only fifty per cent of the chicks that are hatched. As a matter of fact, they are miserable failures and sinfully wasteful of the lives intrusted to their care. The woman who, in this enlightened age, throws a mass of wet corn meal on an infected ground for the hungry little brood dependent upon her for food, is as guilty of cruelty as she who hatches an extra supply of chicks, because, as she says, "the rats get half of them anyhow." Such a woman is not fit to have the care of any living animal. At our house there is grief over every chick that falls, however tiny, and our loss is rarely over ten per cent. We hatch our chickens to

live, not to die.

But they are not fed on wet corn meal! This is the way we rear about ninety per cent of the chicks that we hatch:

For the first few days they are fed a mixture of hard boiled egg and toast crumbs. The eggs are boiled at least half an hour and crumbled fine, shell and all; toast is made in the oven, the bread thoroughly toasted and dry and brittle, then crushed with a rolling pin and rubbed into the egg in proportion of one part egg to two of crumbs. Do not feed untoasted crumbs. Care is taken to feed only as much as will be eaten up clean and to feed in a clean place. A newspaper is a convenient thing to feed on, as it can be gathered up after the feed and destroyed. After the first two or three days we feed one feed

a day of cornbread, made with water or milk; soda and salt as for the table, and thoroughly baked. The crusts may be moistened with hot water. Gradually the egg and toast is withdrawn and cornbread substituted with one light feed of broken rice. The rice feed should be the last feed of the day, as it requires some time to digest. When two weeks old they are able to live on rice with one feed a day of cornbread.

At about three weeks we begin to substitute for the cornbread a feed of cracked corn and whole wheat, equal parts, with oil meal and salt rubbed into it in the proportion of a tablespoonful of oil meal and half as much salt to a gallon of the mixture. This feed is never moistened, but enough of the oil meal clings to the grain to aid digestion. We never

HESITATE AND YOU LOSE

6TH YEAR
POINTS THE WAY
START RIGHT
YOU END RIGHT

SEE THAT "XX"?

The use of two dollars for one year at 6% is just twelve cents. A Magic Egg Tester costs \$2.00. The risk you take is one cent a month!! Sold on one year's trial with iron-clad promise to return cost price if not satisfied. Why delay? Listen: This device costs nothing to use. It shows the best, hatchable eggs. Rejects the unhatchable ones and does these things before incubation. Its use gives you the best, most and earliest chicks—the key to success and profit. Heed now the urgent warning of the

WASHINGTON STAR WHICH SAYS:

"It is not enough for a man to know a good thing when he sees it. He must seize a good thing when he knows it." This means you. We teach every one who orders a Magic Egg Tester how to hatch the strongest eggs, and we do it. Send in your order and leave it to us to prove our claims. Our instructions are the very best. Circular on request.

Magic Egg Tester Works, Dept. G, Buffalo, N. Y. and Bridgeburg, Canada

Just say you saw it in The Industrious Hen.

feed raw corn to young chickens without oil meal. The number of corn wheat feeds are increased gradually until only a small per cent of rice is fed, and at from two to three months is discontinued entirely.

This may seem to some an expensive diet, but considering the small percentage of loss it is not. We have tried a great many chick feeds, but consider rice the best and cheapest. The mixed chick feeds are expensive because they all contain more or less corn and heavy grit for which you

ered that you will lose a good many. There are a number of ways of fighting vermin, but whatever method you employ, be sure that the work is thorough. No amount of care and costly feed will make a vermin infested chicken thrive, and your per cent of loss will increase with the increase of vermin in your flock.

Before closing, we wish to say a word in regard to treatment for limberneck, as it seems to be considered incurable by most poultry breeders. In our experience it has never failed



Left, Champion Female, Tri-State Fair, 1914; Center, First Pen Cockerel, Tri-State Fair, 1914; Right, Best Pullet and Best Bird in Show, Jackson, Tenn., 1914. Bred and owned by Carrington Jones, Box 145, Buntyn, Tenn.

are paying a very high price. Most of these feeds contain some things that the chicks will not eat and there is complaint among the farmers who use them of new and noxious weeds. Broken rice can be obtained for about \$2.75 per hundred and will go farther and keep the chicks in better condition than any chick feed. When we first began the use of rice we had a flock of chicks about a month old that had a serious form of bowel trouble. These chicks will live and grow rapidly on an exclusive diet of rice and rapidly recovered. A little soda rubbed into the rice, dry, was the only medicine employed.

Care must be used, however, in feeding rice not to overfeed. The chicks must not be allowed to fill their crops as with softer feeds, because in digestion, as in cooking, rice swells enormously. The chicks will live and grow rapidly on a very scanty diet of rice.

From the time they are hatched our little chicks have clean water in a clean vessel always before them. Also sand, oyster shell and a shallow box of bran. Do not use a box deep enough for them to crowd in as on cool days they will pack themselves on the bran for its warmth, and smother. The chicks are closely watched and should any seem droopy they are removed from the flock at once and examined for vermin.

If little chicks are kept clean and dry and carefully fed there is little danger of disease, and vermin is responsible for most of their ills. It is the first thing to be looked after when a chick droops. Don't wait until you lose a few. If you do, the chances are that their vitality will be so low-

to yield readily to the following treatment: Dissolve one teaspoonful of epsom salts in a little warm water; give in two or three doses several hours apart. This may have to be repeated the next day in severe cases. The dose above is for a grown fowl and should be lessened for young stock. Feed on light feed for a few days after recovery.

EXHIBITION AND UTILITY

Blue Andalusions, S. C. White Leghorns, S. C. Buff Leghorns, White Rocks, Black Orpingtons, Lakenvelders, Indian Runners and Wild Mallard Ducks. At the Kentucky State Show, Jan. 4-9, on ten entries I won nine firsts, one second, four specials and A. P. A. medal for best cockerel in class. All pens are now mated. Write for catalogue. Prices reasonable.

LOMBARDY HEIGHTS POULTRY FARM

JNO. O. REID,
Prop.

Stanford, Ky.

DIXIES QUALITY STRAIN WHITE WYANDOTTES



Every BEST WHITE WYANDOTTE DISPLAY for two years wherever I entered a complete string, and not lower than third Best Display in Show. That's the way my birds WIN. I furnished the BLUE RIBBON pen for ST. LOUIS COLISEUM, November, 1914; Fort Worth, 1914, A. P. A. medal for Best Wyandotte cockerel, fourth cockerel, third cock, second and third pen. Jackson, Tenn., 1914, not a single competitor having a bird placed above mine. Best pullet in the show, best bird in the show, special sweepstakes pen. Tri-State, 1914, twenty-four out of twenty-five possible ribbons, Grand Sweepstakes of \$75.00 in Gold and numerous cash and cup specials, with Wyandottes entered from five States.

Mississippi Agricultural and Mechanical College reports the pen purchased from me are the BEST LAYERS AT THE STATION. Remember every winning feather bred on my farm. Have a few choice hens, pullets and cockerels left. Write for illustrated mating list giving prices on stock and eggs. Our pens are the best we have ever mated and will produce the winners as never before.

CARRINGTON JONES

Box No. 145

BUNTYN, TENN.

Member Executive Committee, National White Wyandotte Club.

Just say you saw it in The Industrious Hen.

Tacoma, Wash., Jan. 4, 1915.

H. I. Company,
Salem, Va.

I inoculated 17 sick birds at the Tacoma show with "OCULUM." Results fine. Birds on road to recovery in 24 hours. The cages of these birds are the center of interest. It was a splendid opportunity to show the public we had the goods and results which was a great thing in this day of fakes.

C. E. CORNELL.

TO HATCH EVERY EGG

Use the MAGIC EGG TESTER to pick them out before incubation. All dealers sell it.



FOR 1915

Wring success from the next 12 months by judicious feeding. Make it easy for the bird to meet your expectations. You invite success when you throw them the first handful of our famous re-cleaned

Shur-pleez

QUALITY FEEDS

RITTER-HENNINGS CO.
Incorporated

14th and Main Sts. LOUISVILLE, KY.

DOLLARS vs. FREE Book!

Treat chicks the "Duplex Way" which gives them plenty of fresh, warm air, steady temperature, room for exercise, Warm Air Automatic Ventilator which does away with cold draughts on the floor and they make dollars. Treat chicks with hard work, constant backbreaking attention with unreliable temperature and cold air ventilation with its killing draughts and you have dead chicks. The

Duplex Brooder Stove and Ventilator Combined

provides "Duplex Way" conditions automatically. No hard work or sleepless nights. Just install a Duplex and you are ready for success such as you never dreamed possible. DO NOT BUY ANY BROODING EQUIPMENT UNTIL YOU GET OUR

Freight Paid Thirty-Day FREE Trial Offer!

The Duplex costs less to buy, less to install, is perfectly reliable, safe and easy to operate—any boy can start and regulate it. MADE IN THREE SIZES—fifty to 1500 chicks. GET OUR FREE BOOK. It explains the "Duplex Way" with its money, labor and chick saving features. Send 10 cents for our book on winter broilers and plans for brooder house. The other book is free for the asking. DUPLEX COLONY BROODER CO., Box 640 Rockford, Ill.



If you are Secretary of your Specialty Club, Poultry Show or Association, be sure to send in your news each month for this department. We will gladly publish same free for you. Also let your members know what the Club and Association are doing. Keep them posted.

Sussex Club of America.

The first annual meeting of our club will be held at New York City during the week of Madison Square Garden Show, and the day it will be held will be published in the show catalogue. At this time a full set of officers will be elected and the club will embark on what looks now to be one of the most prosperous ever undertaken. We urge you all to try and be present at this show for it is our first club meet, and the best Sussex in the country will be there. It will give you a chance to study the right type, color, markings, etc.

A. A. CARVER, Secretary.

Seville, Ohio.

American Black Orpington Club Election.

The 1914 election of officers of the American Black Orpington Club resulted in the following officers being elected: President, C. S. Byers, Hazelrigg, Ind.; vice president, R. N. Barnum, Lime Rock, Conn.; secretary treasurer, Ralph Whitney, Rochester, Minn. Executive Committee: Ora Overholser, Eaton, Ohio; R. Roberts, Essex, Ont., Canada; C. J. Carter, Columbus, Ind.

The annual meeting and show of the club will be held in Indianapolis, Ind., February 1-6, 1915, at which a rousing meeting will be held. There will also be an Eastern meeting held in connection with the Madison Square Garden Show, New York City.

The American Black Orpington Club was merged with the National S. C. Black Orpington Club at the annual meeting of the National at Pittsburgh, Pa., Exposition Show, January, 1914, under the name of the American. All of the live members of the old club transferred their membership and now a grand united club is boosting the Black Orpington.

We are expecting to send a free copy of the 1915 Year Book of the club to every breeder of Black Orpingtons who will send their name and address. The book is now off the press, if you desire a copy send now. Address Ora Overholser, secretary treasurer, American Black Orpington Club, Eaton, Ohio.

Rose Comb Minorca Club.

The International Rose Comb Black Minorca Club met with the Tri-State Poultry Association at Toledo, Ohio, the first week in December and elected the following officers: H. A. Keister, president, Bangor, Mich.; Mrs. Cora A. Shoemaker, vice president, Granville Summit, Pa.; E. M. Campbell, secretary treasurer, Columbus, O.; Mrs. Chas. G. Trask, Independence, Ia.; Ross Swartout, Cainesville, Ont.; A. M. Moody, Boston, Mass.; Phillip J. Minch, Cleveland, O., as directors.

They have landed the illustrating of the R. C. Black Minorcas which will be in the 1915 standard. All members report the Minorca business booming, and the new officers aim to make this a banner year.

American Buff Wyandotte Club Election.

The mail election for officers of the American Buff Wyandotte Club, resulted as follows: President, W. G. Marshall, 200 Superior street, Cleveland, Ohio; Eastern vice president, C. E. Coffin, Olneyville, Station, Providence, R. I.; Central vice president, F. L. Waterman, Barrington, Ill.; Western vice president, S. A. Power, Fairfield, Ia.; Southern vice president, W. Lee Springs, Winston-Salem, N. C.; Canadian vice president, E. R. Durand, 91 Erskine avenue, Toronto, Ont.; secretary treasurer, J. E. Willmarth, Amityville, N. Y.

Above seven officers constitute the club executive committee. They take office October 1st, for one year. Cleveland, Ohio, was selected as place for annual meeting. This club claims that its members derive more benefits from membership than do the members of any other specialty club. For further information address the secretary, J. E. Willmarth, Amityville, N. Y.

New Officers of the American Campine Club.

The work in connection with my personal business as well as that of secretary of the American Campine Club has grown to such an extent that I have been compelled, although very reluctantly, to give up my office as secretary of the club, although I will continue my campine business as in the past, only on a larger scale. I am pleased to inform each member that Mrs. Chas. H. Owings, of Dumont, N. J., was elected on December 4 to the office of secretary and treasurer of the club.

The members are to be congratulated upon their good fortune in securing Mrs. Owings as secretary and treasurer. She is one who will give the work very conscientious and thorough attention. I hope that each member of the American Campine Club as well as all lovers of the Campine breed will give Mrs. Owings their hearty support as they have done with myself in the past.

The full list of officers elected at the annual meeting is as follows: President, Frank E. Hering, South Bend, Ind.; first vice president, K. M. Turner, West Nyack, N. Y.; second vice president, M. R. Jacobus, Ridgefield, N. J.; secretary treasurer, Mrs. Chas. H. Owings, Dumont, N. J.; honorary vice presidents, same as last year. Executive Board: S. V. R. Martling, Ridgefield, N. J.; C. A. Phipps, Wayland, Mass.; T. E. Gensemere, Creston, Ohio; with the president and secretary.

I wish to take this opportunity to thank each member of the American Campine Club for the hearty support given me as their secretary. This support and kind words received have made my duties in connection with this office extremely pleasant and such as I shall always cherish in years to come. Very truly yours, M. R. JACOBUS.

Why Incubator Chicks Die.

Not because the incubator is wrong. Pay more attention to your brooding. The Raisall Remedy Company, of Blackwell, Okla., manufactures a brooder with a warm medicated

dirt floor which prevents mites, lice and infection. Is always bone dry, regardless of outside conditions. Has a feather hover that retains the animal heat thrown off the chicks' bodies, giving the instinct of nature. See full description of brooder in this issue. So many people condemn the incubator when they are not at fault. Improve your brooding methods.

Parker's Reds.

On nine entries at the Kentucky State Poultry Show at Lexington, Ky., B. D. Parker, of Sanders, Ky., won the following: fourth and fifth cock, first and second hen, third cockerel, second and fifth pullet, third pen, color special and shape special given by Rhode Island Red Club of America on females, won on hen and special given on best S. C. R. I. Red female in show.

Are you getting The Industrious Hen every month? If you are not, you had better subscribe now—50 cents one year; three years \$1.

Send for Free Book.

The Wendell Incubator Company, Holly, Mich., has gotten out a very attractive catalog describing their complete line of poultry supplies and this should be in the hands of every reader of The Industrious Hen. If you will look up their advertisement in this issue and write them they will gladly send you a copy free. We do not hesitate to recommend this line to any reader of the Hen who is in market for anything in their line. In writing them be sure to mention this paper.

Leg Bands — Complete line — all styles and colors.

Aluminum bands with turned over edges — celluloid colored number strips. Leader adjustable 12, 25, 25, 60; 50, 11.10; 100, 22.00; 500, 83.50. Post paid. Also sealed and double clinch bands. Write for catalog. Samples free.

The Keyes-Davis Co., Dept. 524, Battle Creek, Mich.

McKee's White and Blue Orpingtons and Mammoth Bronze Turkeys

I wish to say we have some magnificent stock to sell at reasonable prices in the above varieties. Have won in keen competition, winning first Blue Orpington pen at Madison Square Garden, N. Y., last winter. Let us quote you on blue stock for sale. Let us book your order for eggs, spring delivery. See our winnings elsewhere in this issue. Write your wants. Circular free.

McKee's Orpington Farm, Breeders and Importers
GARVEY MCKEE, Prop.

Box H Route 1 Watertown, Tenn.

BARRED PLYMOUTH ROCKS

Exhibition and utility. Winners at the best shows. Eggs from prize winners at \$1.50 to \$8.00 per 13. Write for free circular. Address

L. C. BREEDEN

BENNETTSVILLE, S. C.

S. C. WHITE LEGHORNS

Selected yearling hens on free range mated to lusty cockerels bred from trap-nested hens with 200-egg records. Eggs \$1.00 per fifteen. 75 cents after May 15th.

H. W. POTTER,

R. D. No. 8,

KNOXVILLE, TENNESSEE

"GIANT" STRAIN M. B. TURKEYS

From "Hugo King," the 45 Yearling, Score 97½.

If you wish toms or hens that have enormous bone and frame, fine trimmings, with brilliant bronze plumage; birds that have been bred for years and winners in our hands and customers' hand at Louisville, Cincinnati, Chicago, Boston, Seattle, Atlanta and Indianapolis, our birds will suit you. We are booking orders for early shows now. Fine "Nugget" strain Buff Plymouth Rocks of the finest quality—any number. Write us for prices and catalogue.

J. C. CLIPP,

BOX 1032

SALTILLO, IND.

WHAT'S A CAPON AND WHY

George Beuoy's new CAPON Book explains. Tells all you want to know about capons. 60 pages. 40 half-tones from life. Shows each step in the operation in detail. Full and complete, easy-to-use directions. Copyrighted new and revised third edition. One copy for 50c.

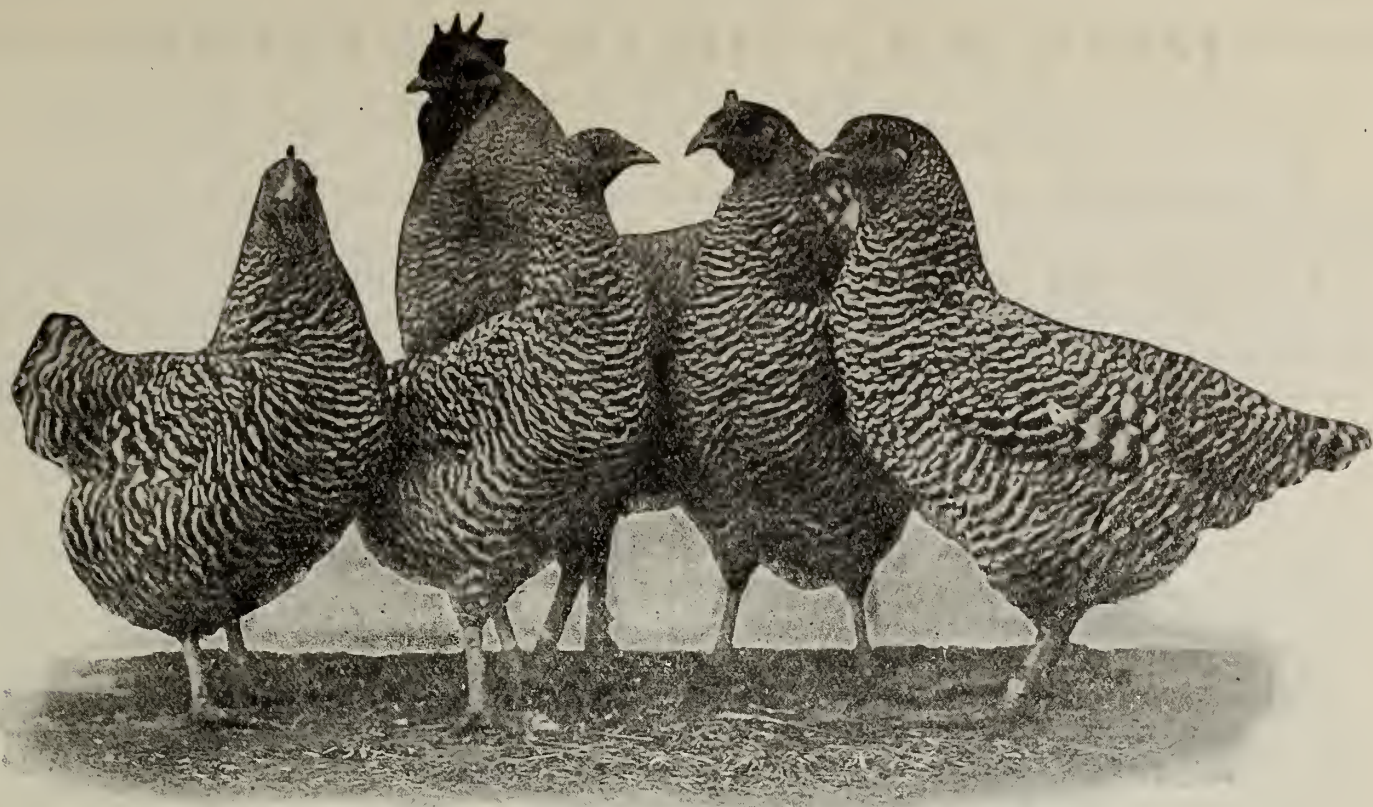
\$3.50

for a Set of Capon Tools exactly like I use myself and the book mentioned above free if your order is received at once. If not satisfactory return and I will refund. If you prefer I will send them C. O. D. by Parcel Post and you can just pay the mail man for them. Catalogue free.

Geo. Beuoy R. F. D. No. 27 **Cedar Vale, Kan.**



Automatic Remover. (Pat.)
(No extra charge on that account)



CUP WINNING PEN AT FRANKFORT, KY.

This fine pen was bred and exhibited by Pope & Pope, of Louisville, Ky., at Frankfort, Ky., with which they won a magnificent silver cup. The photograph taken from life is remarkable in view of the unusual posing of the birds, showing as it does the clear distinct bearing of the entire pen. They have mated up their yards for 1915 and will be glad to forward mating list upon request.

TO BREAK UP THE TRAFFIC IN BAD EGGS.

Co-operation Between Federal and State Authorities Proving Successful in Chicago in the War Against Rots and Spots.—Bulletin United States Department of Agriculture.

Federal, State and city authorities are now actively co-operating in Illinois to put an end to the illegal traffic in rotten eggs. From evidence already gathered, there seems to be a definite market in Chicago for "rots and spots" at \$2 a case of thirty dozen. In consequence, rots and spots from all over the surrounding country have been coming into Chicago in large numbers. In the past, the delay necessary to secure authorization from Washington to make the seizures under the Federal food and drugs act has proved a serious handicap in breaking up the traffic. With the co-operation of the State authorities, however, this delay is now largely obviated. Under the detention section of the State law governing this matter, State inspectors are able to hold suspicious shipments for examination and further investigation. The State authorities being on the spot are able to act with great promptness. In this way not only are seizures made possible, but the necessary step toward criminal prosecution are also facilitated. One of the firms in Chicago handling these bad eggs has already been tried by a State court and found guilty. Shipments of bad eggs are also being reported to the authorities in Chicago by Federal, State and city inspectors in other States, in order that these eggs may be traced to their ultimate destination.

Although there is a certain demand for inedible eggs for technical purposes, such as tanning leather, most of the rots and spots that reach Chi-

cago are first broken and frozen, and then sold to bakers for use in cakes and other forms of food. In one instance, at least, a shipment of these eggs was traced to a firm which admitted that they had no use for them except in food. As a matter of fact, Federal inspectors have been able to secure ample evidence of the use of unfit eggs for this purpose. Before they had the active co-operation of the State authorities, however, it was difficult to act with the promptness required to obtain satisfactory results. Now, with the State and Federal authorities working together, it is believed the traffic can be broken up very rapidly. In this connection it is pointed out that most of the firms using these unfit eggs probably do so reluctantly, believing that the competition of others forces them into the traffic. However, it has been amply demonstrated by the department that the frozen and dried egg business is a successful and important industry

only when based on the use of good eggs, handled under special conditions.

Another important result of the work in Chicago it is hoped will be to persuade other cities and States of the necessity of assisting the Federal government in destroying the traffic in bad eggs. That this can be done has already been demonstrated in Trenton, N. J., where eleven indictments have been found on the charge of conspiracy in connection

Tom Barron's White Leghorns

Have won in all egg laying contests. At Mountain Grove, Mo., in last National Contest ending December, 1914, ten hens laid a grand total of 2,296 eggs in one year. An average of over 229 eggs for each hen. We have a very select pen, pure Tom Barron Strain, eggs \$2.00 per 15. The very finest bred S. C. Buff Orpingtons, eggs \$1.50 per 15.

CLAYTON I. BALLARD,
WHITE PINE, - - TENNESSEE

SACKETT'S S. C. REDS

WINNERS at leading Southern Shows. A fancier's flock of dark rich red VIGOROUS birds. A limited number of eggs at \$5.00 for 15 from three small all-star matings. Each individual carefully selected for color, shape, size, VIGOR and results.

H. M. SACKETT, - - - - LYNCHBURG, VIRGINIA

WARD'S MAMMOTH BRONZE TURKEYS

We have been breeding this strain for thirty years. They win wherever shown. A dozen fine young toms for sale, also some young hens. Write us; we can please you.

J. MILLER WARD
SUNNY SIDE STOCK FARM - - - - PARIS, KENTUCKY

RELIABLE WHITE WYANDOTTES

Will place you among the winners in the showroom, in the egg box and in the breeding of high class birds. No stock for sale now, but am booking orders for eggs. Write me your wants.

C. A. ADAMS
ROUTE No. 1 - - - - FAIRBURN, GA.

Just say you saw it in The Industrious Hen.

ROYAL ORPINGTONS

I have mated up several hundred of the finest Blue, White, Black and Buff Orpingtons for the coming season. American and English strain, and can now supply eggs and stock at reasonable prices, and I guarantee every satisfaction.

THOMAS J. HOCKING, ROYAL POULTRY FARM,
DICKSON, - - - - - TENNESSEE

MULLEN'S BLACK LANGSHANS HAVE QUALITY

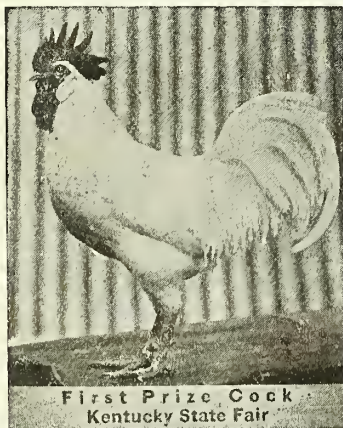
At the Oklahoma State Show at Muskogee, Topeka and Leavenworth, Kans., and Arkansas, Mississippi and Missouri State Fairs, more than 70 per cent of the birds I entered won prizes and over 50 per cent of those placed were blue ribbon winners. And there was good competition at these shows. **EGGS FOR HATCHING**—my pens contain my prize winners and are mated to produce exhibition quality chicks. My prices are reasonable. Baby chicks also. My mating list tells about my pens. May I send you a copy? **CURTIS H. MULLEN, S. B. 806, Mountain View, Mo.**

with this business. All of the indicted men are now awaiting trial. Such criminal prosecutions it is believed will do far more to put an end to the traffic than any number of seizures or fines. The profit in the business is so great when conducted on an extensive scale that the dealer can well afford an occasional fine. His rots and spots cost him so little that when his goods are seized, the loss is insignificant, and in many cases he has no reputation at all to suffer from the consequent exposure.

In this connection the general information which appeared in the Service and Regulatory Announcements of the Bureau of Chemistry, Department of Agriculture, issued August 25, 1914, concerning the denaturing of food products not intended for food but intended for technical purposes, will be of interest to those who deal in certain food products which consist in whole or in part of decomposed material, such, for example, as frozen or dried eggs shipped in interstate commerce for technical purposes. If such products are not denatured before shipment seizures will be made in all cases of interstate shipments of such products. This course will be followed regardless of the labels under which the products are sold. No action will be taken, however, in the case of decomposed food products which have been denatured in such a way as to prevent their use for food purposes.

A Visit to Egglard Farms.

While we were in Lexington at the Kentucky State Poultry Show last month, we had an opportunity to visit Egglard Farms, which is located seven miles out of Lexington on the Bryant Station pike. The farm is under the management of W. T. Muir, who is also owner, and it is one of the largest plants in the South devoted to one breed. The name of the farm will no doubt tell you the breed



First Prize Cockerel at the Kentucky State Fair, 1913, owned and exhibited by Egglard Farm.

that is handled and if you could spend one day at Egglard and see those Single Comb White Leghorns shell out the eggs you would say the farm was given the right name.

Mr. Muir is making a specialty of S. C.

ROYAL GREEN S. C. BLACK MINORCAS AND ORPINGTONS

Have won more premiums in Kentucky and a few large shows in adjoining states in the last 3 years than all other exhibitors and strains combined. Are recent winners at Chattanooga, Ashland and Kentucky State Show. Eggs are ready. Write for mating list. Get the best at reasonable prices.

WALTER Q. PARK, - - - - - Richmond, Ky.

CRYSTAL WHITE ORPINGTONS THE KIND THAT LAY

The kind that grow, the kind that will win in any show. I sent 14 birds to the Chattanooga Poultry Show in December, and every bird won a prize. I made no effort to send my best birds, either. I have 27 fine cockerels, large and beautiful at \$2.50 and \$3.00 each. Pullets \$2.00 each. Eggs from prize winners 20 cents per egg. **PROF. H. C. COLEMAN, Bakewell, Tenn**

White Leghorns and he has some great quality in them. They not only lay, but he can go into the showroom and win with them.

It is one of the best equipped plants I have visited for a long time. There are two long breeding and laying houses with a capacity of 2,000 layers (we will show view of these houses in next issue). In his brooder house he has a capacity for about 2,000 young chicks. He uses the hot water pipe system for heating the brooder house and hovers. He believes in free range for his young stock, and he scatters colony houses all over the farm and gives them the range over hundreds of acres of blue grass land.

If you are in market for S. C. White Leghorns, either stock or eggs or baby chicks, look up their advertisement in this issue and write them for prices and be sure to mention the Hen.

Coming Attractions

B. F. KEITH THEATER—Keith Square, Fifth and Walnut Street.

For the first week of February the management of B. F. Keith's Theatre offers an attractive list of features, headed by Bessie Clayton, America's greatest premiere danseuse, who is known as "The Darling of Terpsichore," and who comes here direct from a four weeks' run at Keith's Palace Theatre in New York. Miss Clayton will be assisted by Lester Sheehan and the famous Clayton Sextette. Other features will include Harry Tighe and Blanche Babette; Leroy-Lytton and company, Willie Weston, Binns and Bert, Hope Vernon and others.

For the week of February 7th, Jesse L. Lasky's "Society Buds," a musical comedy with sixteen people, headed by Gladys Clark and Henry Bergman, will be the big headliner, and others are Belle Baker, the Farber Girls, the Australian Woodchoppers, Nelson and Nelson, Cantor and Lee, Ed Vinton and Buster, Edwin George and others. Big bills are in preparation for the week of February 14th and 28th.

MARY ANDERSON THEATER—Fourth and Chestnut Lee L. Goldberg, Res. Mgr.

Featuring high class photoplays. Continuous shows daily, 10:30 a. m. to 10:30 p. m. Best seats 10c. Matinee and night.

Feb. 1-2—Florence Nash in "Springtime."
Feb. 3-6—"A Daughter of the People."
Feb. 7-9—"Officer 666."
Feb. 10-13—"Alias Jimmy Valentine."

It Pays to be Thorough.

For four years the great Sanoma Poultry Farm of Ohio has advertised to use no eggs for hatching which had not previously passed the test of the Magic Egg Tester, and would live up to this requirement absolutely. Poultry raisers lacking in thoroughness would do well to note the phenomenal success of the Sanoma Farm. In a letter to the Magic Egg Tester Works, January 18, 1915, Mr. K. K. Welday, the proprietor, states that up to date 30,000 eggs for hatching have been sold, and that they are rushing their new plant with all possible haste. Non-users of the Magic Egg Tester might here take a valuable lesson how a big poultry plant makes poultry raising a big success.

LEST YOU POSTPONE

Delays are costly. Profit goes hand in hand with the MAGIC EGG TESTER. See adv.

CLOSING OUT SALE

S. C. WHITE LEGHORNS and R. I. REDS

I am offering my poultry at a bargain. 75 Leghorns (cocks, cockerels, hens and pullets); 25 good Reds; 2 incubators, capacity 240 and 320. This lot consists of some fine show birds, breeding stock, utility, etc. Must be sold at once, so here's your chance. Write for prices.

H. COGGESHALL,

LOUISVILLE, 1903 Richmond Ave., KENTUCKY

I WILL SEND FREE YOU A DIME

Coupon good as part payment on your subscription to this or any other poultry paper, if you will send for my catalog of Poultry Books and Magazines.

H. E. VAN DUZEE, Jr.,

Carrier 50

St. Paul, Minn.

Spray White Wash **Kant-Klog Sprayer**
for disinfecting and white washing poultry houses—spraying vines, vegetables, etc. Write for catalog. Agents wanted.
Rochester Spray Pump Co.
206 Broadway Rochester, N.Y.

PARK'S FLORAL GUIDE—all about flowers, a Surprise Mixed Flower Seed Pkg., 1000 sorts, a 10c Seed Coupon, and copy Park's Floral Magazine the oldest and most popular Floral Magazine in the world, all for stamp, Don't miss it. **Geo. W. Park, LaPark, Pa.**



CHAMBERLAIN'S PERFECT CHICK FEED
The Original Dry-Baby-Chick-Feed and the World's Standard. The season for raising little chicks is short. Avoid the loss of little chicks and time by feeding Chamberlain's Perfect Chick Feed. Write for FREE SAMPLE at once. We will deliver 100 lb. sack of Chamberlain's Perfect Chick Feed track your railroad station for \$3.00, except the extreme West and South.
F.B. CHAMBERLAIN CO., 345 N. COMMERCIAL, ST. LOUIS, MO.
HAS NO EQUAL—NO CORN—NO BOWEL TROUBLE

Just say you saw it in The Industrious Hen.

FEW HINTS FOR THIS YEAR'S BREEDING—HOW TO REMEDY FAILURES.

With the coming of spring real work commences for the poultry breeder, the planning of the long winter months is now to give way to reality of those carefully laid plans for the bettering of conditions of the poultry houses and yards, perhaps in the past we have had no yards to confine our different pens of breeding birds but have been letting our entire flock range together. The progressive breeder selects and uses only the best standard bred ones, and marking each chick raised, by this method the quality of his stock is improved. Strain breeding or line as it is called is an essential to successful breeding, the careful selection and good judgment of the man who knows how to control the blood lines, or by the judicious purchase of new blood to improve his flock.

Any farmer's wife or daughter can do well with poultry, if they will begin in a small investment, so many give up too easily. They are afraid to try unless they have a lot of cash to build fine houses, and buy a lot of birds to start with. The spring of the year is the very best time to begin purebred poultry raising. If you have admired some flock of beautiful purebred birds you have seen, but stifled



"Golden Standard," Champion Tom of the South; foundation sire of Spain's strain, bred by E. C. Spain Church Road, Va.

your longing for a similar flock because of the seemingly impossible, you need more of the determined spirit of the successful poultry raiser. You do not need a large sum to purchase a trio or setting of eggs. You can pick out from your undesirable flock a sufficient number to turn into cash at your market for the purpose of the coveted pen or purebred birds. Of course these must be yarded, so you can have the eggs for hatching. This pen will form the foundation of your new flock of birds, you will be surprised to see the number of youngsters you can hatch and raise. Then when you get a good paying strain you can sell eggs and stock at a fancy price. It takes a little courage, just good common sense and a careful watch on all little things, as always where success is attained.

There is one point we wish to emphasize, and that is this. Do not

make the mistake with common hens because they are cheap; decide on the breed you desire to handle, of course keeping in view the end you wish to attain, whether layers, show birds, market stock or whatever it is, then set the best and stick to them. After choosing Leghorns for instance, if the first person you meet happens to prefer Wyandottes, don't think you have made a mistake; every breed has its advantages and its up to you to decide which one you want.

There is good money to be made in the poultry business, plenty of room for every good, live up-to-the-minute person who desires to go into it. But do not make the mistake of thinking that there is not much work to chickens, for there is where you will fall down. There is lots of work—hard work, constant work, if you are determined to make a success.—Mrs. Joe Mulligan.

Mrs. Donaldson's Winnings at Chattanooga and Atlanta.

At the recent Chattanooga Poultry Show, Mrs. Donald Donaldson, Decatur, Ga., won the following on her S. C. Rhode Island Reds in strong competition: first hen, third pullet, second and fourth cock, first old pen and third young pen. On page 156 in the February issue of The Industrious Hen, Roberts & Farrar advertised winning some of the prizes won by Mrs. Donaldson, but we have a certificate of winnings made by Mrs. Donaldson from the Chattanooga secretary, and they are correct.

Her winning at Atlanta, 1915, are as follows: first cock, first, second, third, fourth and fifth hens, third cockerel, first and third pullet, first, second and fourth pens, \$50 challenge

cup for best Red pen. Kruger special for the best Red display. If you are interested in good Reds write her for prices and mention the Hen.

EGGS 12c PER DOZEN

By the celebrated "OCULUM" method (a recent discovery).

"I was getting twenty eggs a day when I commenced the 'OCULUM' method, 3 weeks ago; today I got 300.

D. B. McNEILL,
Cunningham, W. Va.

OUR BOOKLET TELLS HOW. It's FREE.
H. I. CO., BOX M SALEM, VA.

PILLING CAPON TOOLS

MORE THAN DOUBLE YOUR COCKEREL PROFITS
Capon grow twice as large on the same amount of feed and bring twice the price per pound.
Complete set of reliable, practical, easy-to-use Capon Tools \$2.50
—full, illustrated instructions included. Parcel Post prepaid.
G. P. PILLING & SON CO., Phila., Pa.
Send for FREE Capon Book

S. C. WHITE LEGHORNS

First and second prize cocks and hens for sale. Young birds for any show. We have won hundreds of ribbons, cups, etc., at all the big shows. Twelve years in the business.
W. E. GABHART, BOX M, BOHON, KENTUCKY

PARTRIDGE WYANDOTTES

Winners at the Owensboro Poultry Show, 1914. Old and young stock for sale. Booking orders for eggs. Write for prices. Satisfaction guaranteed. Address,
J. V. BARTLEY, Route No. 2 Philpot, Kentucky, Daviess County

S. C. BLACK MINORCAS FINE WINTER EGGS NORTHUP STRAIN

Winners of the recent Owensboro Poultry Show: 1st cock, 1st Hen, 1st, 2nd, 3rd and 4th Pen on six entries. Write for prices and description. Book your egg orders early.

J. D. RUSSELL, Owensboro, Kentucky

Donaldson's S. C. Rhode Island Reds

A quality strain of great type and color, linebred for years. Atlanta, Ga., Jan., 1915: 1 cock, 1, 2, 3, 4, 5 hens, 3 cockerel, 1, 3 pullets, 1, 2, 4 pens, \$50 challenge cup, special for best Red display. Pens now mated. Eggs from champion winners, small matings, \$5.00 per 15. Utility \$1.50 per 15. Baby chicks. Write for mating list.

MRS. DONALD DONALDSON, - - - - - Decatur, Ga.

GENUINE FROST PROOF CABBAGE PLANTS

NOW READY—ORDER EARLY

Extremely early spring headers. Very valuable for market gardeners and truckers use, also the home garden. Planted in November, a month to six weeks earlier than home-grown plants. Delivered daily by express, no delay. Orders filled from January 1st to May 1st. Jersey Wakefield, Charleston, Flat Dutch—lots of 500, 80 cents; 1,000, \$1.25. Cash with order. Order from:

EVERGREEN PLANT CO., 25,000 Square Feet of Glass. Evergreen, Ala.

WHITE WYANDOTTES OF

Highest quality. They are pure white and bred to lay. Eggs for hatching from prize winning stock. Also choice cocks and cockerels for sale.

MRS. J. H. JOHNSON, - - - - - Chappells, S. C.

Just say you saw it in The Industrious Hen.

WE WANT 10,000 MORE NEW SUBSCRIBERS IN THE NEXT 90 DAYS

In order to increase our circulation within the next 90 days we are going to give away as premiums to every one who takes subscriptions for us among their friends, INCUBATORS, BROODERS, PURE BRED BIRDS (any variety), EGGS FOR HATCHING (any variety), DINNER SETS, POULTRY BOOKS, LEG BANDS, POULTRY PUNCHES, ETC. We want you to act as our agent in your neighborhood and if you do not want the valuable premiums we offer you we will give you a cash salary each week. Every farmer will be glad to read THE INDUSTRIOUS HEN. All you have to do is to show a copy of the paper and take the order. It is something they need and appreciate.

Take each subscription at 50 cents per year. Write us for samples of paper and we will mail them promptly.

FOR ONE SUBSCRIBER—

- 25 Leg Bands.
- One Petty's Poultry Punch.
- Any 25 cent Poultry Book on the market.
- One pair of guaranteed Shears.

FOR TWO SUBSCRIBERS—

- Copy of Poultry Diseases and Their Remedies.
- Any 50 cent Poultry Paper published and a year's subscription to THE INDUSTRIOUS HEN.
- 50 Leg Bands.
- A 25-word Classified Advertisement one month in THE INDUSTRIOUS HEN.

FOR FOUR SUBSCRIBERS—

- 100 Leg Bands.
- Any \$1.00 Poultry Book on the market.
- One Lock Stitch Sewing Awl.
- One Farmer's Handy Tool Set.
- One high-grade pearl handled Pocket Knife.

FOR EIGHT SUBSCRIBERS—

- One Setting of Eggs (15) any variety.
- One No. 5 Red Chief Hand Mill.
- One pure-bred Male or Female, any variety.

FOR FIFTEEN SUBSCRIBERS—

- One Setting of Eggs (15), any variety.
- One Male and Female (pair) pure-bred Birds, any variety.
- One handsome Dinner Set.
- One 40-word Classified Advertisement in THE INDUSTRIOUS HEN three months.

FOR TWENTY SUBSCRIBERS—

- One beautiful 26-piece Silver Set.
- One 60-egg Incubator.
- One setting of Exhibition Eggs (15), any variety.
- One trio good breeding Birds, any variety.
- One 40-word Classified Advertisement in THE INDUSTRIOUS HEN for six months.
- One 60-chick Brooder.

If you wish, premiums may be combined. For 12 subscriptions for instance, you may select one of the premiums offered for 4 subscriptions and one of those offered for 8 subscriptions. Get busy at once and write for your territory and secure some of these valuable premiums.

Address,

BLAIR-YOUNG PUBLISHING CO.
American National Bank Bldg.
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POULTRYMEN!

If you are planning to have a Booklet, Circular, Announcement or Half Tone Plates made, write us. We are prepared to give you attractive advertising literature and perfect pictures of your birds. Our specialty is

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Dummies and general suggestions promptly submitted. Orders quickly filled. Send for our booklet, "Preparing Your Printing For Its Purpose."

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THOMPSON'S ROSE COMB REDS

"Sensation" Strain, Royal Reds, winners over all in Red class, 153 Reds in largest show in State. First on cockerel, pullet and pen, special for best Red cockerel in show. Lot of fine cockerels for sale now. Write for prices.

D. MATT THOMPSON, Box B, Statesville, N. C.

24 LEGBANDS FREE

MAKE YOUR HENS PAY



We send free 24 of the best Leg Bands made to every new and renewing subscriber to THE INDUSTRIOUS HEN at 50c. 36 Bands will be sent with a three years subscription for \$1.00. If you are already a subscriber you may renew; or if you will get your neighbor to send 50c for his subscription, we will send a dozen Leg Bands to each. Enclosed money order or stamps. Mention "Leg Bands" when subscribing under this offer.

BLAIR-YOUNG PUB. CO. LOUISVILLE, KENTUCKY.

Loomis' R.C. Reds win at the GREAT MID-WEST CHICAGO SHOW, December 1914, in the strongest Red class ever caged in America. My exhibit received many flattering compliments from the leading judges and breeders. If you are in need of new blood write me. Pens mated early.

HAWTHORN POULTRY YARDS

C. C. LOOMIS, PROP.

BOX A

ST. MATTHEWS, KY.

ORPINGTON PLACE

Eggs for hatching; White, Black, Blue and Buff Orpington; White, Dark and Buff Cornish Games and Buff Leghorns. Some show bird mated in each pen. All infertile eggs replaced when returned. Cockerels and pullets for sale. Chick Special Circular. Write

OLLIE C. RATH, - - - - - TURTLE CREEK, PA.

BARNETT'S Buff Orpingtons grand breeders or show birds to win. Get our price list of birds with a guarantee to please, or return at my expense.

FRANK BARNETT,

R. 4,

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Postage Paid Both Ways
Anywhere in the U. S. A.

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Prices
Reasonable

Superior Sanitary Laundering

We pay the postage both ways on all bundles 50c. or over. Work guaranteed first-class. Prompt deliveries in sanitary packages. Will credit you upon reference. Write for information. Better still, send a trial bundle now.

Main Office: 628 W. Jefferson Street, Louisville, Ky.



EGGLAND FARM'S "Everlaying" S. C. White Leghorns :-

BABY CHICKS, BREEDING STOCK, HATCHING EGGS

Do you want big, strong husky chicks that are easy to raise and will grow fast and develop into veritable egg machines? If so, send us your order today. Do you want breeding stock that is range raised and whose ancestors have all been range-raised and have been bred for egg production for years? From these kind of breeders you can raise a flock that will always be a source of pleasure and profit. Or do you want hatching eggs from the above described breeders? Eggs that run high in fertility, hatch large per cent. and most of all chicks are easy to raise. Baby chicks 15c each. Eggs \$1.50 per 15, \$6.00 per 100, \$50.00 per 1000. Prices quoted on show birds and breeders upon application. Satisfaction guaranteed.

EGGLAND FARM,

W. T. MUIR, Mgr.

R. R. No. 4.

LEXINGTON, KY.

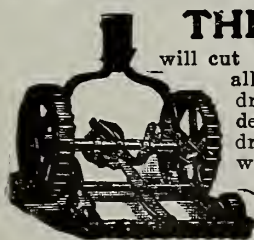
MEYERS BLACK LANGSHANS

Still winning. Won at Memphis, Tenn., the largest show of the South, in a hot class, 3d cock, 2d, 3d and 4th hen, 2d cockerel, 3d pullet and 1st pen; silver cup for the best pen from the State of Missouri. I only lacked one point winning as many points as all my competitors combined. If the best is what you want, write me tonight and get my prices. Cockerels from \$2 up. I also have some fine hens and pullets for sale. Show birds a specialty. Yours for Langshans.

W. A. MEYER,

BOWLING GREEN,

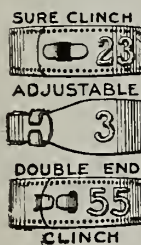
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THE CLIPPER

will cut tall and short grass, do all trimming along walks, drives and fences. If your dealers haven't them, drop us a line and we will send circulars and prices.

Clipper Lawn Mower Co.
5th St., Dixon, Ill.



Poultry Bands Twelve Varieties

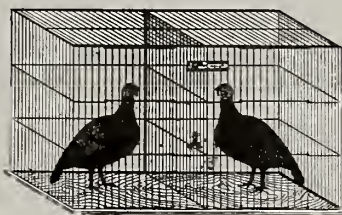
You need one of our new illustrated catalogues to select your bands for the coming season. Why not get the best? You pay no more. Aluminum bands. Price postpaid, 12 for 15c; 25, 25c; 50, 35c; 100, 60c. NATIONAL POULTRY BAND CO., Newport, Ky.

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Let us show you how we can send you these wonderful coops by PARCEL POST DELIVERED to your home for less money than you can purchase coops of inferior quality for in your city.

We also make a specialty of benching shows on a rental or we will sell you the entire outfit. In any event get our prices and terms before placing your order. We can please you and save you money. Send for catalog.

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Patterson Farm White Plymouth Rocks

are ready to win. If you need a Cock, Hen, Cockerel, Pullet or Pen to show, write me and receive my prices by return mail. Fine large breeding and utility Cockerels at \$3.00 and \$5.00 each. Splendid Pullets at \$2.00 and \$3.00 each. Satisfaction always guaranteed.

PATTERSON FARM

FITZGERALD, GA

EGGS AND BABY CHICKS FROM FOGG'S SINGLE COMB WHITE LEGHORNS

All our breeders this season are old birds, they produce the strongest chicks—THE KIND THAT LIVE. If you want the most for your money, send for mating list now. Safe arrival of chicks and eggs guaranteed.

Can furnish choice breeding cockerels, trios and pens at right prices.

N. V. FOGG,

R. R. No. 5

MT. STERLING, KY.

DENSMORE SINGLE COMB WHITE LEGHORNS

BLUE RIBBON WINNERS WHEREVER SHOWN

Have 15 years of improvement back of them. Remember STRAIN is just as important as VARIETY. Careful records show an average of 150 eggs per hen on a flock of 1500.

Eggs for hatching. Baby Chicks. Stock for sale. Get our prices before ordering.

DENSMORE POULTRY FARM, Inc.,

Route No. 3,

Roanoke, Va.



WHITE ROCKS

Pure Fishel Strain. We offer you both young and old stock at reasonable prices. All sired by our \$500 cock "Snowball." Send us your order, for we guarantee satisfaction or money refunded. Write for prices and description.

THE WHITE ROCK POULTRY FARM,

LEESBURG,

FLORIDA

ANDERSON'S MINORCAS WIN THE "BLUE" AT NEW YORK

At Grand Central Palace, N. Y., 1st hen and 2d pullet, on just two entries, "Special" for best "Shaped" S. C. Black Minorca female. The best class of Minorcas ever exhibited at the Palace.

Winners also at Philadelphia, Hagerstown, Memphis, Atlanta, Augusta, Charlotte and Norfolk.

Choice breeders and sure winners at attractive prices. Eggs \$3.00, \$5.00 and \$10.00 per 15.

R. H. ANDERSON,

LYNCHBURG, VIRGINIA

BARGAINS EXTRAORDINARY—WHITE PLYMOUTH ROCKS

SEE OUR WINNINGS AT KENTUCKY STATE POULTRY SHOW 1915

For the next thirty days I will offer the following in breeding stock: Cockerels \$3.00 each. Trios (male and 2 females), old or young, \$7.50. Pens (male and five females), old or young, \$15.00. My price on eggs this season will be \$3.00 per 15 eggs or \$5.00 per 30 from specially mated yard hens. Special prices on larger quantities. Order direct from this advertisement, as I GUARANTEE SATISFACTION OR WILL REFUND YOUR MONEY. Address:

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